



No. 2



10 JANUARY 2004

UNITED STATES OF AMERICA

NOTICE TO MARINERS

Commemorating 135 Years of Continuous Service



Published Weekly by the
National Geospatial-Intelligence Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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Visit the Maritime Safety Information Division website at
<http://pollux.nss.nga.mil/>



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IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-3370	287-3370	301-227-4211
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nga.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nga.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

Cover Photo: The **USS SLATER (DE-766)** is a Canon Class Destroyer Escort launched on February 13, 1944 and commissioned on May 1, 1944. Of the 565 Destroyer Escorts built during World War II, the **USS SLATER** is the only one remaining afloat in the United States and the last one with original battle armament and configuration. She has a displacement of 1,200 tons, is 306 feet long with a beam of 36 feet and carried a crew of 216 men when commissioned. The **USS SLATER** was named after Frank O. Slater of Alabama, a sailor killed aboard the **USS SAN FRANCISCO** during the Battle of Guadalcanal in 1942. The **USS SLATER** saw service in both the Atlantic and Pacific theaters during World War II. She was decommissioned in 1946 and was transferred to Greece on March 1, 1951. The **USS SLATER** served in the Hellenic Navy until 1991, when she was donated to the Destroyer Escort Sailors Association (DESA). She was returned to New York in 1993 and was transferred to her permanent homeport of Albany, New York in October 1997. The **USS SLATER** now serves as a living museum and is being maintained by a crew of dedicated volunteers.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 2/04

HYDROGRAM

**National Geospatial-Intelligence Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

10 January 2004

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA RECOGNIZES TWO NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

★ indicates that it is based upon original U.S. source information.

T indicates that it is temporary in nature.

P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.

The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter N is not a part of the chart number.

The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.

Courses and bearings are given in degrees true.

Light sectors are expressed in degrees true from the vessel TOWARD the light.

The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.

The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.

Section I-2* contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.

Section I-3 lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NGA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NGA List of Lights.

Section II-5 lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

NM 2/04

1115A	Ed. 10/02 LAST NM 1/04	2/04			(Previously published 51/03)
	Delete Platform		29°26.6'N 88°03.5'W		(NOS)
	(42/03 CG8)				
1116A	Ed. 6/03 LAST NM 1/04	2/04			
	Add Submerged well (cov 20fms) [L20] marked by buoy R, QR (Priv)		28°29.1'N 93°16.3'W		
	(42/03 CG8)				
11326	31Ed. 10/02 LAST NM 1/04	2/04			
	(Page A, Inset 1)				
	Delete Light flare symbol at tower		29°43'40.9"N 95°01'41.0"W		
	Change Legend to "B" Q 12ft (Priv)		29°43'32.0"N 95°01'53.0"W		
	(42/03 CG8)				
★11328	23Ed. 8/03 LAST NM 1/04	2/04			
	Delete Light "A"		29°43'40.9"N 95°01'41.0"W		
	Note: Tower remains				
	(42/03 CG8)				
11329	35Ed. 9/03 LAST NM 52/03	2/04			
	Delete Light "A"		29°43'40.9"N 95°01'41.0"W		
	Note: Tower remains				
	(42/03 CG8)				
★11330	15Ed. 10/03 LAST NM 1/04	2/04			
	Add Submerged well (cov 120ft) [L20] marked by buoy R, QR (Priv)		28°29.1'N 93°16.3'W		
	(42/03 CG8)				
★11332	28Ed. 8/02 LAST NM 1/04	2/04			
	Delete Platform		29°40'31"N 93°44'22"W		
	Note: Dangerous wreck remains				
	Platform		29°40'20"N 93°43'58"W		
	Platform		29°40'26"N 93°43'17"W		
	Platform		29°41'01"N 93°43'20"W		
	Platform		29°41'17"N 93°43'23"W		
	(41/03 CG8)				
11340	68Ed. 6/03 LAST NM 1/04	2/04			
	Add Submerged well (cov 20fms) [L20] marked by buoy R, QR (Priv)		28°29.1'N 93°16.3'W		
	(42/03 CG8)				
11341	39Ed. 2/03 LAST NM 1/04	2/04			
	Delete Platform		29°40'32"N 93°44'21"W		
	Note: Dangerous wreck remains				
	Platform		29°40'23"N 93°43'58"W		
	Platform		29°40'27"N 93°43'17"W		
	Platform		29°41'01"N 93°43'19"W		
	Platform		29°41'18"N 93°43'23"W		
	(41/03 CG8)				
★11357	36Ed. 7/03 LAST NM 52/03	2/04			
	Add Platform [L10]		28°58'01"N 90°20'34"W		
	(41/03 CG8)				
★11358	52Ed. 6/03 LAST NM 51/03	2/04			
	Delete Platform		29°01'51"N 89°34'38"W		
	(42/03 CG8)				
★11360	40Ed. 10/02 LAST NM 1/04	2/04			
	Delete Platform		29°26.6'N 88°03.5'W		
	(42/03 CG8)				
11362	4Ed. 6/10/00 LAST NM N1/04	N2/04			
	Delete Platform		29°26.5'N 88°03.5'W		
	(42/03 CG8)				
★11374	32Ed. 10/03 NEW EDITION	2/04			
	(Side B)				
	Change Range light, front to Fl 2.5s 48ft (Day), Fl G 2.5s 45ft (Night), Fl 4s 15ft 6M		30°20'08.5"N 88°30'45.6"W		
★11384	34Ed. 10/03 NEW EDITION	2/04			
	(NOS)				
11389	32Ed. 10/13/01 LAST NM 51/03	2/04			
	Change Range light, front to Fl 2.5s 25ft, Fl 2.5s 27ft 4M		30°08'46"N 85°41'35"W		
	(41/03 CG8)				
11390	22Ed. 3/30/02 LAST NM 51/03	2/04			
	(Side A)				
	Change Range light, front to Fl 2.5s 25ft, Fl 2.5s 27ft 4M		30°08'46.2"N 85°41'34.8"W		
	(41/03 CG8)				
★11391	23Ed. 10/03 NEW EDITION	2/04			
	Add Ra ref to light "3"		30°10'18.6"N 85°45'02.7"W		
	Ra ref to light "4"		30°10'23.3"N 85°45'02.6"W		
	(Previously published 50/03)				
	Delete Buoy "13A"		30°08'19.8"N 85°42'32.3"W		
	(NOS; 38/03 CG8)				
★11503	40Ed. 10/03 NEW EDITION	2/04			
	Change Height of range light, rear to 35ft		30°47'25"N 81°29'25"W		
	(NOS; USCG LL)				
11520	41Ed. 7/03 LAST NM 1/04	2/04			
	Add Ball topmark to buoy "CF"		33°48.2'N 78°05.3'W		
	Ball topmark to buoy "HI"		35°10.0'N 75°45.1'W		
	(See 50/03-11520)				
	(44/03 CG5)				
11525	6Ed. 9/23/00 LAST NM N1/04	N2/04			
	Add Ball topmark to buoy "CF"		33°48.4'N 78°05.2'W		
	Ball topmark to buoy "HI"		35°10.0'N 75°45.1'W		
	(See N50/03-11525)				
	(44/03 CG5)				
11536	16Ed. 8/03 LAST NM 38/03	2/04			
	Add Ball topmark to buoy "CF"		33°48'11"N 78°05'15"W		
	(44/03 CG5)				
★11537	34Ed. 4/03 LAST NM 47/03	2/04			
	Add Ball topmark to buoy "CF"		33°48'10"N 78°05'15"W		
	(44/03 CG5)				
★11555	38Ed. 7/02 LAST NM 1/04	2/04			
	Add Ball topmark to buoy "HI"		35°10'00"N 75°45'04"W		
	(See 50/03-11555)				
	(44/03 CG5)				
12201	25Ed. 7/17/99 LAST NM N1/04	N2/04			
	Relocate Buoy "HI" from 35°10.6'N 75°43.8'W to		35°10.0'N 75°45.1'W		
	and add ball topmark				
	(44/03 CG5)				
12206	30Ed. 10/03 LAST NM 50/03	2/04			
	(Side A)				
	Change Legend to "17 FT FOR WIDTH OF 200-300 FT JUN 2003"		36°51'35"N 76°20'07"W		
	(NOS)				
★12214	44Ed. 2/03 LAST NM 52/03	2/04			
	Delete Buoy "A"		38°55'50"N 75°13'51"W		
	(44/03 CG5)				
★12221	75Ed. 9/03 LAST NM 50/03	2/04			
	Delete Depth 26 feet		36°58'38"N 76°11'01"W		
	Change Light to "2" Fl R 2.5s 18ft 3M		37°12'21"N 76°22'56"W		

(continued on next page)

12221	(Continued)				
Add	Depth 18 feet Obstn [K41]	36°58'40"N	76°11'10"W		
	Depth 18 feet Obstn [K41]	36°59'19"N	76°12'14"W		
	Depth 21 feet Obstn [K41]	36°58'49"N	76°11'46"W		
	(NOS; 44/03 CG5)				
12222	44Ed. 5/03 LAST NM 51/03				2/04
Change	Legend to "17 FT FOR WIDTH OF 200-300 FT JUN 2003"	36°51'31"N	76°20'15"W		
Add	Depth 18 feet Obstn [K41]	36°58'40"N	76°11'10"W		
	Depth 18 feet Obstn [K41]	36°59'19"N	76°12'14"W		
	Depth 21 feet Obstn [K41]	36°58'49"N	76°11'46"W		
	(NOS)				
12238	37Ed. 9/02 LAST NM 34/03				2/04
Change	Light to "2" Fl R 2.5s 18ft 3M (44/03 CG5)	37°12'21"N	76°22'56"W		
★12241	21Ed. 1/5/02 LAST NM 34/03				2/04
Delete	Light "2"	37°12'19.5"N	76°22'57.1"W		
Add	Light "2" Fl R 2.5s 18ft 3M (44/03 CG5)	37°12'20.7"N	76°22'56.1"W		
★12253	43Ed. 6/03 LAST NM 35/03				2/04
Change	Legend to "17 FEET FOR WIDTH OF 200-300 FEET JUN 2003"	36°51'37"N	76°20'03"W		
	Legend to "17 FT FOR WIDTH OF 120 FT JUN 2003"	36°51'27"N	76°20'51"W		
	(NOS)				
★12254	43Ed. 8/02 LAST NM 34/03				2/04
Delete	Depth 28 feet	36°59'17.8"N	76°12'15.0"W		
	Depth 24 feet	36°58'49.7"N	76°11'45.5"W		
Add	Depth 18 feet Obstn [K41]	36°58'40.2"N	76°11'09.7"W		
	Depth 18 feet Obstn [K41]	36°59'18.6"N	76°12'14.2"W		
	Depth 21 feet Obstn [K41]	36°58'48.5"N	76°11'46.2"W		
	(NOS)				
12256	14Ed. 10/03 LAST NM 48/03				2/04
Delete	Depth 24 feet	36°58'49.6"N	76°11'44.9"W		
Substitute	Depth 18 feet Obstn [K41] for 28 feet	36°59'18.6"N	76°12'14.2"W		
Add	Depth 18 feet Obstn [K41]	36°58'40.2"N	76°11'09.7"W		
	Depth 21 feet Obstn [K41]	36°58'48.5"N	76°11'46.2"W		
	(NOS)				
12280	4Ed. 10/03 LAST NM 52/03				2/04
Add	Depth 18 feet enclosed by dotted-line circle	36°58.7'N	76°11.2'W		
	Depth 18 feet enclosed by dotted-line circle	36°59.3'N	76°12.2'W		
	Depth 21 feet enclosed by dotted-line circle	36°58.8'N	76°11.8'W		
	(NOS)				
★12304	43Ed. 3/03 LAST NM 52/03				2/04
Delete	Buoy "A"	38°55'50"N	75°13'52"W		
	Buoy "B"	39°01'56"N	75°19'44"W		
	Buoy "10"	39°20'22"N	75°23'03"W		
	(44/03 CG5)				
12354	40Ed. 8/03 LAST NM 38/03				2/04
Add	Depth 4 feet Rk [K14.2]	41°11'53"N	72°07'34"W		
	(NOS)				
12372	31Ed. 8/02 LAST NM 52/03				2/04
	(Page A)				
Add	Depth 4 feet Rk [K14.2]	41°11'53"N	72°07'34"W		
	Depth 17 feet Obstn [K41]	41°15'04"N	72°00'27"W		
	(NOS)				
13205	36Ed. 4/14/01 LAST NM 23/03				2/04
Add	Depth 4 feet Rk [K14.2]	41°11'53"N	72°07'34"W		
	Depth 17 feet Obstn [K41]	41°15'04"N	72°00'27"W		
	(NOS)				
13209	23Ed. 10/30/99 LAST NM 23/03				2/04
Add	Depth 4 feet Rk [K14.2]	41°11'53.0"N	72°07'34.0"W		
	Depth 17 feet Obstn [K41]	41°15'04.0"N	72°00'27.0"W		
	(NOS)				
★13212	35Ed. 12/02 LAST NM 36/03				2/04
Add	Depth 4 feet Rk [K14.2]	41°11'52.7"N	72°07'34.1"W		
	Depth 17 feet Obstn [K41]	41°15'03.5"N	72°00'27.2"W		
	(NOS)				
13214	27Ed. 6/02 LAST NM 5/03				2/04
Add	Depth 17 feet Obstn [K41]	41°15'03.5"N	72°00'27.2"W		
	(NOS)				
13216	1Ed. 2/1/92 LAST NM N48/02				N2/04
Add	Depth 2 fathoms 5 feet Obstn [K41]	41°15'03.5"N	72°00'27.2"W		
	(NOS)				
14081	21Ed. 12/24/94 LAST NM 47/03				2/04
Delete	Light "2FR"	44°02'54"N	64°41'38"W		
Add	Light Fl 4s 18m	44°02'01"N	64°37'44"W		
	(Plan)				
Delete	Legend "Lts in line 353½'" centered	44°02'42"N	64°42'25"W		
	(See 22/99-14081)				
Substitute	Position circle "Bn" [Q80] for light (FR 18m)	44°02'52"N	64°41'39"W		
	Position circle "Bn" [Q80] for light (FR 13m)	44°02'51"N	64°41'39"W		
Add	Light Fl 4s 18m (2(4012, 4379)03 Ottawa)	44°02'00.8"N	64°37'44.0"W		
★14850	52Ed. 10/03 NEW EDITION				2/04
	(NOS)				
★14852	45Ed. 2/03 LAST NM 21/03				2/04
	(Inset)				
Substitute	Depth 22 feet for 25 feet	42°58'36.6"N	82°24'43.8"W		
	Depth 7 feet for 4 feet	42°58'37.1"N	82°24'38.8"W		
	Depth 12 feet for 8 feet	42°58'37.8"N	82°24'37.4"W		
	Depth 20 feet for 24 feet	42°58'33.1"N	82°24'40.1"W		
	Depth 21 feet for 28 feet	42°58'28.7"N	82°24'39.5"W		
	Depth 27 feet for 32 feet	42°58'23.9"N	82°24'40.8"W		
	Depth 18 feet for 24 feet	42°58'25.8"N	82°24'37.9"W		
	(NOS)				
★14903	23Ed. 5/03 LAST NM 31/03				2/04
	(Inset Two Rivers)				
Substitute	Depth 11 feet for 14 feet	42°08'34.2"N	87°33'41.1"W		
	Depth 10 feet for 13 feet	42°08'31.8"N	87°33'41.1"W		
	Depth 15 feet for 11 feet	42°08'32.1"N	87°33'37.9"W		
	Depth 11 feet for 13 feet	42°08'31.4"N	87°33'36.8"W		
	Depth 12 feet for 15 feet	42°08'31.1"N	87°33'35.4"W		
	Depth 11 feet for 13 feet	42°08'29.6"N	87°33'38.2"W		
	Depth 14 feet for 16 feet	42°08'29.9"N	87°33'35.2"W		
	Depth 12 feet for 15 feet	42°08'26.8"N	87°33'39.6"W		
	Depth 8 feet for 10 feet	42°08'30.7"N	87°33'41.1"W		
	Depth 8 feet for 11 feet	42°08'29.8"N	87°33'40.5"W		
	(NOS)				
★14924	27Ed. 4/27/02 LAST NM 49/03				2/04
Change	Legend to "BASCULE BRIDGE HOR CL 92 FT VERT CL 23 FT"	43°02'01.6"N	87°55'10.0"W		
	Legend to "BASCULE BRIDGE HOR CL 80 FT VERT CL 14 FT"	43°01'49.3"N	87°55'11.2"W		
	(NOS)				
★14965	21Ed. 1/03 LAST NM 11/03				2/04
	(Inset Ontonagon Harbor)				
Substitute	Depth 17 feet for 16 feet	46°52'44.5"N	89°19'48.8"W		
	Depth 13 feet for 12 feet	46°52'41.6"N	89°19'45.8"W		
	Depth 16 feet for 15 feet	46°52'36.8"N	89°19'38.4"W		
Change	Legend to "17 FEET JUN 2003"	46°52'37.0"N	89°19'40.2"W		
	(NOS)				

22371 5Ed. 8/9/97 LAST NM 52/03 2/04
 Delete Dangerous submerged rock 45°49.3'S 74°28.3'W
 Change Legend to "Las Cinco Hermanas" 45°16.6'S 73°14.0'W
 Add Depth 18 meters, blue tint and enclosing
 depth contour (20-meter) 45°47.1'S 74°26.1'W
 Depth 18 meters, blue tint and enclosing
 depth contour (20-meter) 45°47.5'S 74°40.3'W
 (10(155, 158)03 Valparaiso)

22377 1Ed. 8/29/86 LAST NM N13/03 N2/04
 Delete Dangerous submerged rock 45°49.3'S 74°27.9'W
 Add Depth 18 meters 45°47.1'S 74°26.1'W
 Depth 18 meters 45°47.5'S 74°40.3'W
 (10(158)03 Valparaiso)

22412 2Ed. 7/26/97 LAST NM 7/02 2/04
 Add Rock which does not cover [K10] 52°44'15"S 73°50'05"W
 Rock awash [K12] 52°50'00"S 73°44'45"W
 (10(159)03 Valparaiso)

22415 8Ed. 5/23/98 LAST NM 17/00 2/04
 Add Depth 3.5 meters, blue tint and enclosing
 depth contour (10-meter) 53°35'47"S 72°25'37"W
 (10(163)03 Valparaiso)

22471 31Ed. 4/4/98 LAST NM 44/02 2/04
 Change Visibility (range) of light to 23M 52°39.5'S 68°36.5'W
 (10(156)03 Valparaiso)

22481 35Ed. 11/29/97 LAST NM 19/03 2/04
 Change Height of light to 49m 52°39.8'S 70°23.3'W
 (10(164)03 Valparaiso)

25610 8Ed. 3/9/96 LAST NM 5/99 2/04
 Add Submarine cable (power) [L31.1] joining
 18°30'06.6"N 64°21'24.0"W
 18°30'10.2"N 64°21'24.6"W
 18°30'11.4"N 64°21'27.0"W
 Submarine cable (power) [L31.1] joining
 18°29'31.2"N 64°21'33.0"W
 18°29'47.4"N 64°21'32.4"W
 18°29'49.8"N 64°21'30.6"W
 18°29'50.4"N 64°21'27.6"W
 (Plan)
 Add Submarine cable (power) [L31.1] joining
 18°30'06.6"N 64°21'24.0"W
 18°30'10.2"N 64°21'24.6"W
 18°30'11.4"N 64°21'27.0"W
 Submarine cable (power) [L31.1] joining
 18°29'31.2"N 64°21'33.0"W
 18°29'47.4"N 64°21'32.4"W
 18°29'49.8"N 64°21'30.6"W
 18°29'50.4"N 64°21'27.6"W
 (46(5061)03 Taunton)

★25670 42Ed. 10/03 NEW EDITION 2/04
 (NOS)

36060 17Ed. 8/23/97 LAST NM 21/03 2/04
 Delete WHIS from buoy "Strangford" 54°18.6'N 5°28.7'W
 WHIS from buoy "Carlingford" 53°58.8'N 6°01.1'W
 (18/03 Dublin)

37463 6Ed. 2/24/96 LAST NM 1/04 2/04
 (Plan)
 Delete Light 43°26'39.5"N 3°48'32.0"W
 Range lights (2), range line and legend
 "Lights...274°30'" between 43°26'57.3"N 3°49'29.5"W
 43°26'55.5"N 3°48'51.0"W
 (See 32/00-37463)
 Change Characteristic of buoy "8" to Fl(3) R 9s
 43°27'21.5"N 3°48'03.0"W

Buoy "9" to "7" G, pillar, cone topmark,
 Fl(4) G 11s 43°27'27.0"N 3°47'58.0"W
 Buoy "11" to "9" G, pillar, cone topmark,
 Fl G 5s 43°27'09.1"N 3°48'38.5"W
 Characteristic of buoy "10" to Fl(4) R 11s
 43°27'12.0"N 3°48'20.3"W
 Characteristic of buoy "12" to Fl R 5s
 43°26'54.0"N 3°48'33.0"W
 (30(571)01 Cadiz; Spn LL)

42760 5Ed. 8/19/95 LAST NM 52/03 2/04
 Add Dashed line (recommended track) [M4] with
 legend "127°" between 70°06.8'N 31°40.0'E
 70°02.8'N 31°55.5'E
 Dashed line (recommended track) [M4] with
 legend "200°" between 70°02.8'N 31°55.5'E
 69°48.9'N 31°40.7'E
 Dashed line (recommended track) [M4] with
 legend "020°" between 69°48.8'N 31°42.0'E
 70°03.2'N 31°57.4'E
 Dashed line (recommended track) [M4] with
 legend "307°" between 70°03.2'N 31°57.4'E
 70°07.4'N 31°40.7'E
 Dashed line (recommended track) [M4]
 between 69°48.0'N 33°35.3'E
 69°52.0'N 33°35.3'E
 Dashed line (recommended track) [M4]
 between 69°48.0'N 33°32.3'E
 69°52.0'N 33°32.3'E
 Purple outline of chart 42765 joining 70°03.1'N 31°40.0'E
 70°03.1'N 32°04.7'E
 69°37.1'N 32°04.7'E
 69°37.1'N 31°40.0'E
 Purple outline of chart 42762 joining 69°45.0'N 32°00.0'E
 69°45.0'N 34°10.0'E
 69°15.0'N 34°10.0'E
 69°15.0'N 32°00.0'E
 Purple outline of chart 42742 joining 69°39.8'N 35°45.0'E
 69°39.8'N 33°54.0'E
 69°09.0'N 33°54.0'E
 69°09.0'N 35°45.0'E
 Legend "CONTINUED ON 42740" 69°55.0'N 35°44.0'E
 (NGA; 36(5368, 5369)99 St. Petersburg)

42765 3Ed. 8/1/98 LAST NM 50/03 2/04
 Add Dashed line (recommended track) [M4] with
 legend "127°" between 70°03'04"N 31°54'21"E
 70°02'48"N 31°55'30"E
 Dashed line (recommended track) [M4] with
 legend "200°" between 70°02'48"N 31°55'30"E
 69°48'54"N 31°40'42"E
 Dashed line (recommended track) [M4] with
 legend "222°" between 69°48'54"N 31°40'42"E
 69°45'06"N 31°30'48"E
 Dashed line (recommended track) [M4] with
 legend "196°48'" between 69°45'06"N 31°30'48"E
 69°44'06"N 31°30'06"E
 Dashed line (recommended track) [M4] with
 legend "016°48'-196°48'" between 69°44'06"N 31°30'06"E
 69°41'42"N 31°28'06"E
 Dashed line (recommended track) [M4] with
 legend "042°" between 69°44'06"N 31°30'06"E
 69°48'48"N 31°42'00"E
 Dashed line (recommended track) [M4] with
 legend "020°" between 69°48'48"N 31°42'00"E
 70°03'04"N 31°57'45"E
 "Waiting Area" [N12.2] bound by dashed line
 joining 69°45'00"N 31°19'48"E
 69°48'00"N 31°19'48"E
 69°48'00"N 31°28'48"E
 69°45'00"N 31°28'48"E
 (36(5368)99 St. Petersburg)

SECTION I

NM 2/04

43040	6Ed. 8/5/95	LAST NM 47/03	2/04		
Add	Dashed line (recommended track) [M4] with legend "127°" between		70°07.2'N 31°37.8'E 70°02.8'N 31°55.5'E		
	Dashed line (recommended track) [M4] with legend "200°" between		70°02.8'N 31°55.5'E 69°48.9'N 31°40.7'E		
	Dashed line (recommended track) [M4] with legend "020°" between		69°48.8'N 31°42.0'E 70°03.2'N 31°57.4'E		
	Dashed line (recommended track) [M4] with legend "307°" between		70°03.2'N 31°57.4'E 70°07.4'N 31°40.7'E		
	(36(5368)99 St. Petersburg)				
43384	1Ed. 9/14/91	LAST NM 44/03	2/04		
Add	Buoy G, spar		58°14'08"N 11°29'15"E		
	Buoy R, spar		58°14'08"N 11°29'16"E		
	(14(384)00 Norrkoping)				
44049	9Ed. 6/15/96	LAST NM 1/04	2/04		
Add	Solid line (recommended track) with maximum authorized draft 4.5 meters [M6] between		55°33'42"N 12°50'34"E 55°34'32"N 12°51'05"E		
	(See 1/01-44049)				
	(21(404)01 Norrkoping; Swd CH 921)				
44051	1Ed. 7/25/92	LAST NM 1/04	2/04		
Delete	Double solid line in vicinity		55°37'31.0"N 13°00'18.0"E		
	Double solid line in vicinity		55°37'32.0"N 13°00'34.0"E		
	Double solid line in vicinity		55°37'33.0"N 13°00'37.0"E		
Add	Legend "Sodra Bulkhamnen" centered		55°37'36.0"N 13°00'24.0"E		
	(14(382)00 Norrkoping)				
44160	7Ed. 4/5/97	LAST NM 49/03	2/04		
Add	Buoy YB, spar, double cone topmark points downward		58°45.7'N 17°53.5'E		
	(17-18(1108)03 Norrkoping)				
44164	1Ed. 12/2/89	LAST NM 47/03	2/04		
Add	Beacon		58°32'58.8"N 17°02'41.0"E		
	(17-18(1103)03 Norrkoping; Swd CH 621)				
44165	1Ed. 10/6/90	LAST NM 48/03	2/04		
Delete	Buoy		58°45'46"N 17°53'37"E		
Add	Buoy YB, spar, double cone topmark points downward		58°45'41"N 17°53'31"E		
	(17-18(1108)03 Norrkoping)				
44178	2Ed. 4/13/96	LAST NM 27/03	2/04		
Delete	Buoy		58°45'46"N 17°53'29"E		
Add	Buoy YB, spar, double cone topmark points downward		58°45'41"N 17°53'31"E		
	(17-18(1108)03 Norrkoping)				
44180	6Ed. 7/6/91	LAST NM 50/03	2/04		
Change	Buoy to YB, spar, double cone topmark points downward		58°45.7'N 17°53.5'E		
	(17-18(1108)03 Norrkoping)				
44181	5Ed. 4/6/96	LAST NM 52/03	2/04		
Add	Buoy G, spar		59°17'23.9"N 18°23'55.0"E		
	(21(408)01 Norrkoping)				
44182	4Ed. 5/28/94	LAST NM 1/04	2/04		
Delete	Legend "Bridge under constr (2000)" in vicinity		59°20'00.0"N 17°59'40.0"E		
Add	Double solid line with land tint (bridge) between		59°20'01.0"N 17°59'35.0"E 59°20'00.0"N 17°59'51.0"E		
	(44(604)02 Norrkoping)				
44183	6Ed. 4/19/97	LAST NM 49/03	2/04		
Change	Note to "NOTES"				
	1. Vessels less than 12 meters in length or 4 meters in beam, shall use the eastern channel when passing the citadel-Vaxholms fastning.				
	2. Pontoon bridge set out annually from 1 November to 15 April. Sound is then closed to navigation."		59°24'45"N 18°16'00"E		
	Legend to "See Note 1" (See 19/03-44183)		59°24'12"N 18°21'30"E		
Add	Legend "See Note 2" (33(610)01 Norrkoping)		59°20'45"N 18°26'36"E		
44187	2Ed. 2/3/96	LAST NM 52/03	2/04		
Add	Dangerous submerged rock [K13]		59°43'44"N 19°20'59"E		
	Dangerous submerged rock [K13]		59°43'49"N 19°20'51"E		
	Dangerous submerged rock [K13]		59°44'01"N 19°20'50"E		
	(37(491)02 Norrkoping)				
44192	1Ed. 12/18/93	LAST NM 1/04	2/04		
Substitute	Depth 16 meters for 7.8 meters		59°30'12"N 17°27'42"E		
	(14(378)00 Norrkoping)				
44203	1Ed. 2/6/93	LAST NM 52/03	2/04		
Add	Buoy YBY, spar, double cone topmark points together		60°15'00"N 18°40'39"E		
	(14(367)00 Norrkoping)				
44319	2Ed. 2/15/97	LAST NM 28/03	2/04		
Change	Characteristic of light to L Fl(2) 12s		59°28.0'N 28°03.0'E		
Add	Submarine cable [L30.1] joining		60°01.0'N 27°04.9'E 59°59.9'N 27°01.2'E 60°00.8'N 26°44.9'E 60°00.9'N 26°41.7'E 60°01.0'N 26°28.6'E 60°01.2'N 26°08.1'E 59°58.5'N 25°57.1'E 59°56.8'N 25°34.9'E 59°54.8'N 25°00.6'E 59°48.3'N 24°28.2'E 59°43.4'N 24°13.7'E 59°42.1'N 24°02.7'E 59°33.5'N 23°03.6'E 59°29.9'N 22°44.7'E 59°25.5'N 22°33.1'E 59°14.9'N 22°05.5'E 59°13.0'N 22°00.2'E 59°07.5'N 21°45.0'E		
	(10(130)03 Tallinn; Est LL)				
44320	4Ed. 9/21/96	LAST NM 51/03	2/04		
Substitute	Depth 5.1 meters for 6.2 meters		60°01.5'N 22°16.5'E		
Add	Submarine cable [L30.1] joining		59°41.6'N 23°40.0'E 59°38.4'N 23°37.5'E 59°33.5'N 23°03.6'E 59°31.2'N 22°48.4'E 59°29.9'N 22°44.7'E 59°25.5'N 22°33.1'E 59°14.9'N 22°05.5'E 59°07.0'N 21°43.9'E 58°48.3'N 21°24.1'E 58°45.5'N 21°21.8'E		
	(10(130)03 Tallinn; 6-7(126)03 Helsinki)				
44340	11Ed. 8/10/96	LAST NM 52/03	2/04		
Change	Visibility (range) of light to 15M (Supersedes 37/03-44340)		59°25.8'N 27°03.3'E		
	(Est LL)				
44352	2Ed. 4/27/96	LAST NM 49/03	2/04		
Delete	Buoy		59°26'47.4"N 24°46'36.6"E		
	Beacon		59°33'43.2"N 24°48'56.4"E		
Add	Buoy R, spar		59°34'42.6"N 24°47'34.8"E		
	Buoy G, spar		59°34'45.6"N 24°47'32.4"E		
	Buoy R, spar		59°34'43.2"N 24°46'59.4"E		

(continued on next page)

44352 (Continued)
 Buoy G, spar 59°34'43.8"N 24°46'58.2"E
 Buoy G, spar 59°34'36.6"N 24°46'46.8"E
 Buoy R, spar 59°34'30.0"N 24°46'40.8"E
 Buoy G, spar 59°34'30.6"N 24°46'39.6"E
 Buoy R, spar 59°34'24.0"N 24°46'33.0"E
 Buoy G, spar 59°34'24.6"N 24°46'31.2"E
 Buoy R, spar 59°34'00.0"N 24°46'47.4"E
 Buoy G, spar 59°33'52.8"N 24°46'51.6"E
 Buoy R, spar 59°33'41.4"N 24°47'23.4"E
 Buoy G, spar 59°33'39.0"N 24°47'17.4"E
 (7(83, 84), 10(126), 11(138)03 Tallinn)

44360 9Ed. 10/12/96 LAST NM 52/03 2/04
 Change Characteristic of light to L Fl(2) 12s 59°28.0'N 28°03.0'E
 Visibility (range) of light to 15M 59°25.9'N 27°03.3'E

Add Buoy YB, spar, double cone topmark 60°26.6'N 27°29.7'E
 points downward
 Buoy R, spar 60°26.9'N 27°30.9'E
 Buoy G, spar 60°26.9'N 27°31.2'E
 Depth 7.5 meters 60°28.9'N 27°30.8'E

Anchorage symbol (large vessels) [N10] 59°28.4'N 27°30.2'E
 (6-7(124)03 Helsinki; Est LL)

44410 4Ed. 2/8/97 LAST NM 50/03 2/04
 Add Submarine cable [L30.1] joining 59°00.0'N 21°36.3'E
 58°48.3'N 21°24.1'E
 58°46.1'N 21°22.0'E
 (10(130)03 Tallinn)

54363 3Ed. 7/14/84 LAST NM 50/03 2/04
 Add Position circle "Radar Tr" [E30.2] 39°59'20"N 26°10'46"E
 (20(93)03 Istanbul)

54369 4Ed. 4/6/96 LAST NM 50/03 2/04
 Add Position circle "Radar Tr" [E30.2] 39°59'20"N 26°10'46"E
 (20(93)03 Istanbul)

54430 1Ed. 8/21/93 LAST NM 43/03 2/04
 Add Light Fl R 5s 10m 5M, Fl G 5s 10m 5M 36°15.7'N 29°24.9'E
 (31(138)03 Istanbul)

55041 7Ed. 5/13/95 LAST NM 50/03 2/04
 (Panel A)
 Add Position circle "Radar Tr" [E30.2] 40°12'19.2"N 26°22'12.0"E
 Position circle "Radar Tr" [E30.2] 40°05'09.6"N 26°22'10.2"E
 Position circle "Radar Tr" [E30.2] 39°59'20.4"N 26°10'46.2"E

(Panel B)
 Add Position circle "Radar Tr" [E30.2] 40°16'40.2"N 26°34'20.4"E
 Position circle "Radar Tr" [E30.2] 40°12'19.2"N 26°22'12.0"E
 (20(93)03 Istanbul)

55044 5Ed. 3/23/96 LAST NM 1/04 2/04
 Add Position circle "Radar Tr" [E30.2] 40°24'08"N 26°46'15"E
 (20(93)03 Istanbul)

55101 4Ed. 8/24/96 LAST NM 50/03 2/04
 Add Light Fl R 3s to buoy "114" 46°51'44"N 31°58'03"E
 (36(5431)99 St. Petersburg)

55102 3Ed. 8/10/96 LAST NM 52/03 2/04
 Delete Buoy "1" 46°36'13"N 31°26'38"E
 Buoy "2" 46°36'11"N 31°26'33"E
 Buoy "3" 46°36'32"N 31°26'12"E
 Buoy "4" 46°36'31"N 31°26'05"E
 Buoy "5" 46°36'55"N 31°25'51"E
 Buoy "6" 46°36'51"N 31°25'47"E
 Buoy "7" 46°37'12"N 31°25'25"E
 Buoy "8" 46°37'13"N 31°25'15"E
 Buoy "9" 46°37'31"N 31°25'19"E
 Buoy "10" 46°37'32"N 31°25'13"E

Buoy "11" 46°37'49"N 31°25'24"E
 Buoy "12" 46°37'49"N 31°25'13"E

Add Light Fl G 3s to buoy "35" 46°35'28"N 31°39'15"E
 Light Fl R 3s to buoy "36" 46°35'32"N 31°39'13"E
 Light Fl R 3s to buoy "40" 46°35'36"N 31°42'14"E
 Light Fl G 3s to buoy "73" 46°41'24"N 31°56'02"E
 (37(5624), 39(5950)99 St. Petersburg)

55103 2Ed. 4/6/96 LAST NM 52/03 2/04
 Change Legend "8.4m" to "8.2m" 44°37'43.0"N 33°35'21.5"E

Add "Unexploded Ordnance Area No 96" bound by 44°36'41.2"N 33°22'31.0"E
 purple dashed-line circle, radius 0.3 mile, centered
 Buoy (mooring) [Q40] 44°37'00.5"N 33°32'41.0"E
 (36(5435), 39(5952)99 St. Petersburg)

55104 2Ed. 4/20/96 LAST NM 52/03 2/04
 Add "Unexpl Ordn" area bound by purple 44°36'41"N 33°22'31"E
 dashed-line circle, radius 0.3 mile, centered
 (39(5952)99 St. Petersburg)

55120 2Ed. 6/15/96 LAST NM 42/03 2/04
 Add Danger circle "Obstn" [K40] 44°46.2'N 31°18.7'E
 (38(5808)99 St. Petersburg)

55128 2Ed. 3/18/00 LAST NM 50/03 2/04
 Delete Double solid line and land tint between 44°43'27.0"N 37°46'45.0"E
 44°43'25.5"N 37°46'48.0"E
 Floating dock in vicinity 44°43'27.0"N 37°46'46.0"E

(Plan)
 Delete Double solid line and land tint between 44°43'26.8"N 37°46'45.2"E
 44°43'25.2"N 37°46'47.8"E
 Floating dock in vicinity 44°43'27.0"N 37°46'46.0"E
 Legend "Floating pier" 44°43'24.0"N 37°46'48.0"E

Add Depth 5.5 meters 44°43'26.5"N 37°46'44.9"E
 Depth 6.3 meters 44°43'26.9"N 37°46'43.2"E
 Depth 5.6 meters 44°43'27.5"N 37°46'41.8"E
 (36(5440)99 St. Petersburg)

55130 2Ed. 2/8/97 LAST NM 50/03 2/04
 Delete Light 45°11.1'N 33°22.5'E
 (BA LL)

55140 2Ed. 9/28/96 LAST NM 52/03 2/04
 Delete Light 45°11.1'N 33°22.5'E

Add Danger circle [K1] "Unexpl Ordn" 44°36.7'N 33°22.5'E
 Danger circle "Obstn" [K40] 45°03.4'N 35°25.6'E
 (36(5437), 39(5952)99 St. Petersburg; BA LL)

55180 2Ed. 10/12/96 LAST NM 52/03 2/04
 Add Danger circle "Obstn" [K40] 45°03.4'N 35°25.6'E
 (36(5437)99 St. Petersburg)

55190 2Ed. 10/5/96 LAST NM 52/03 2/04
 Delete Depth 7 meters Obstn 46°39.2'N 37°06.4'E

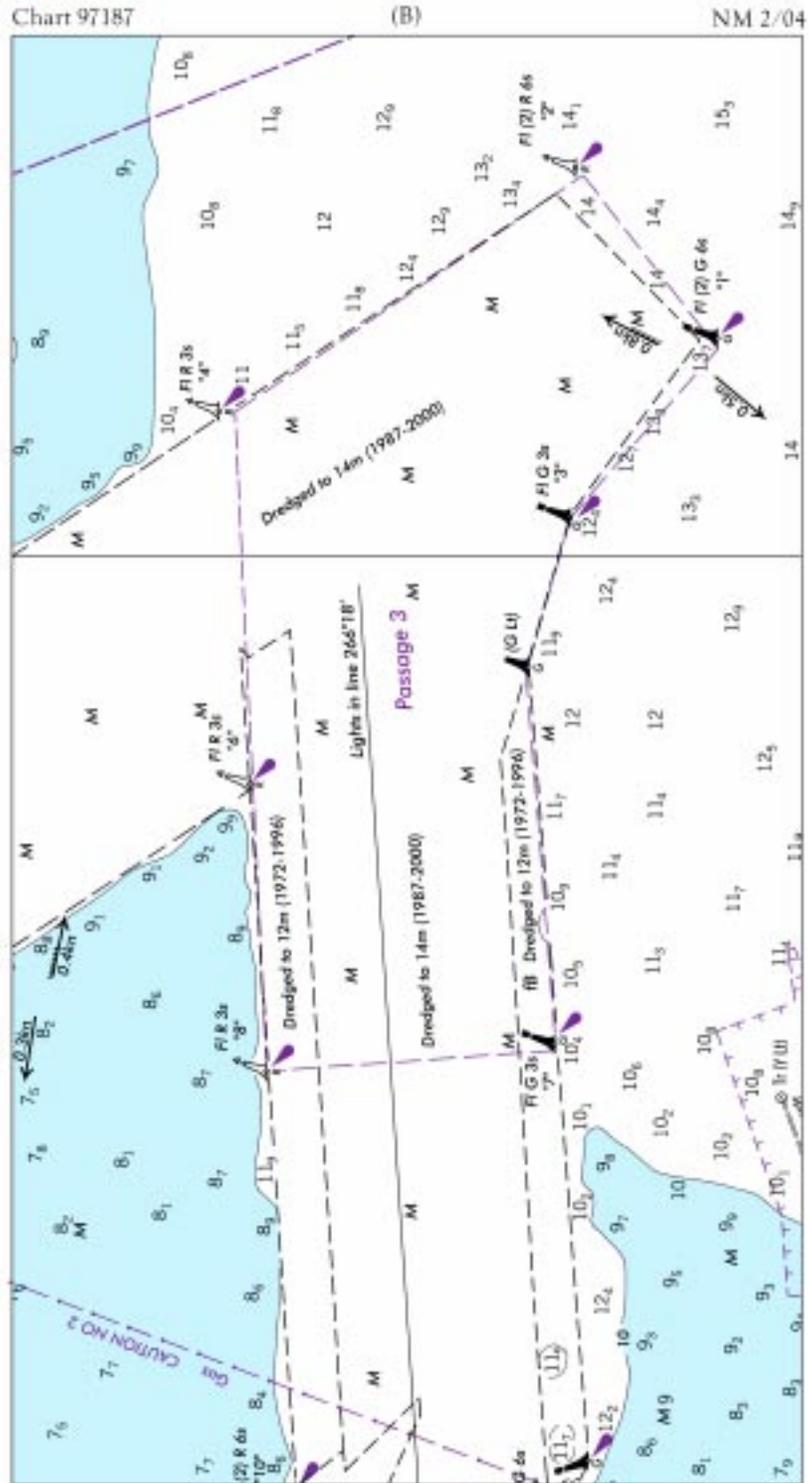
Add Depth 7.2 meters Wk [K26] 46°39.8'N 37°06.5'E
 (39(5961)99 St. Petersburg)

93650 2Ed. 11/4/95 LAST NM 49/03 2/04
 Add Purple dashed-line circle 21°11.3'N 108°41.8'E
 "Unexploded ordnance (2)"
 Purple dashed-line circle 21°13.1'N 108°38.9'E
 "Unexploded ordnance (2)"
 Purple dashed-line circle 21°10.2'N 108°41.1'E
 "Unexploded ordnance"
 (44(972)03 Tianjin)

SECTION I

NM 2/04

- 93652** 2Ed. 5/4/96 LAST NM 49/03 2/04
 Add Purple dashed-line circle
 "Unexploded ordnance (2)" 21°11'20"N 108°41'52"E
 Purple dashed-line circle
 "Unexploded ordnance" 21°13'07"N 108°38'53"E
 Purple dashed-line circle
 "Unexploded ordnance" 21°13'08"N 108°38'54"E
 Purple dashed-line circle
 "Unexploded ordnance" 21°10'14"N 108°41'04"E
 (44(972)03 Tianjin)
- 94033** 5Ed. 10/28/95 LAST NM 44/03 2/04
 Add Purple dashed-line circle
 "Unexploded ordnance" 38°51.5'N 121°03.0'E
 Dangerous wreck [K28] marked by buoy BRB,
 pillar, double ball topmark, Fl(2) 5s 37°52.3'N 120°52.7'E
 Dangerous wreck [K28] (PA) marked close
 NW by buoy BRB, pillar, double ball topmark,
 Fl(2) 5s 38°29.2'N 118°51.0'E
 Dangerous wreck [K28] (PA) marked close
 SE by buoy BRB, pillar, double ball topmark,
 Fl(2) 5s 38°37.1'N 119°29.7'E
 (44(959, 960, 970, 971)03 Tianjin)
- 94217** 4Ed. 1/28/95 LAST NM 6/03 2/04
 Relocate Buoy "Q1" from 31°21'36.5"N 121°38'37.6"E
 to 31°22'03.4"N 121°37'42.3"E
 Add Buoy "27" G, pillar, cone topmark, Fl G 4s
 31°21'13.1"N 121°39'25.0"E
 (41(880, 881)03 Tianjin)
- 94218** 3Ed. 8/24/96 LAST NM 18/03 2/04
 Delete Purple dashed line between 31°23'07.2"N 121°32'57.6"E
 31°23'28.0"N 121°31'54.0"E
 Relocate Buoy "31" from
 31°24'10.9"N 121°33'18.6"E to 31°23'46.5"N 121°34'09.1"E
 Buoy "102" from
 31°23'28.0"N 121°31'54.0"E to 31°23'23.2"N 121°31'51.9"E
 Add Buoy "31-1" G, pillar, cone topmark,
 Fl(2) G 6s 31°24'44.4"N 121°32'12.4"E
 Purple dashed line between 31°23'07.2"N 121°32'57.6"E
 31°23'23.2"N 121°31'51.9"E
 Buoy "30-1" RW, pillar, ball topmark, Iso 4s
 31°23'19.5"N 121°32'49.4"E
 Buoy "34" R, pillar, can topmark, Fl R 4s
 31°25'35.5"N 121°29'40.4"E
 (41(878-881)03 Tianjin)
- 94360** 6Ed. 10/21/95 LAST NM 13/03 2/04
 Add Dangerous wreck [K28] (PA) 38°37.1'N 119°29.7'E
 Dangerous wreck [K28] (PA) 38°29.2'N 118°51.0'E
 Buoy BRB, pillar, double ball topmark, Fl(2) 5s
 38°37.0'N 119°29.8'E
 Buoy BRB, pillar, double ball topmark, Fl(2) 5s
 38°29.4'N 118°50.9'E
 (44(970, 971)03 Tianjin)
- 94361** 13Ed. 5/11/96 LAST NM 15/03 2/04
 Delete Beacon 39°54'52.8"N 119°34'39.6"E
 Beacon 39°54'51.6"N 119°34'44.4"E
 Beacon 39°54'49.2"N 119°34'39.0"E
 (See 26/97-94361)
 (27(553)03 Tianjin)
- 94420** 3Ed. 9/23/95 LAST NM 47/03 2/04
 Add Purple dashed-line circle
 "Unexploded ordnance" 38°51.5'N 121°03.0'E
 Dangerous wreck [K28] marked by buoy BRB,
 pillar, double ball topmark, Fl(2) 5s 37°52.3'N 120°52.7'E
 (44(959, 960)03 Tianjin)
- 95300** 5Ed. 8/3/91 LAST NM 44/03 2/04
 Change Light to Fl 4s 7M 36°02'11"N 133°00'00"E
 Visibility (range) of light to 8M 35°31'36"N 134°00'06"E
 (46(1708, 1709)03 Tokyo)
- 96044** 10Ed. 7/3/93 LAST NM 51/03 2/04
 Add Light Fl R 3s 2M 42°43'00.6"N 133°01'28.8"E
 Light Fl G 3s 1M 42°42'57.6"N 133°01'28.2"E
 (40(3701)99 Taunton)
- 97187** 3Ed. 2/14/98 LAST NM 18/03 2/04
 Add Chartlet A, depicting changes in hydrography,
 topography and aids to navigation, from
 Subsection I-2 34°59'33.0"N 136°40'12.0"E
 Chartlet B, depicting changes in hydrography
 and aids to navigation, from
 Subsection I-2 34°59'24.0"N 136°41'45.0"E
 Chartlet C, depicting changes in hydrography
 and aids to navigation, from
 Subsection I-2 34°58'02.0"N 136°40'39.0"E
 (9(295), 12(410)03 Tokyo; Jpn CH W94)
- 97233** 11Ed. 11/27/93 LAST NM 35/03 2/04
 Change Characteristic of beacon to Fl R 3s
 34°06'31"N 132°59'02"E
 Characteristic of beacon to Fl R 3s
 34°06'16"N 132°59'09"E
 (46(1711)03 Tokyo)
- 97262** 10Ed. 1/24/98 LAST NM 46/03 2/04
 Change Beacon to R, cone topmark, Fl R 3s 10m 7M
 34°06'41.5"N 132°58'52.0"E
 Beacon to R, cone topmark, Fl R 3s 13m 7M
 34°06'24.7"N 132°58'59.7"E
 (See 21/00-97262)
 (46(1711)03 Tokyo)
- 97263** 10Ed. 1/24/98 LAST NM 46/03 2/04
 Change Characteristic of beacon to Fl R 3s
 34°06'41.5"N 132°58'52.0"E
 Beacon to R, cone topmark, Fl R 3s 13m 7M
 34°06'24.7"N 132°58'59.7"E
 (See 21/00-97263)
 (46(1711)03 Tokyo)
- 97266** 5Ed. 7/5/97 LAST NM 1/04 2/04
 Change Characteristic of beacon to Fl R 3s
 34°06'41"N 132°58'52"E
 (46(1711)03 Tokyo)
- 97396** 14Ed. 8/30/97 LAST NM 38/03 2/04
 Add Depth 28.7 meters 33°30'07"N 129°46'42"E
 Depth 29.6 meters 33°30'24"N 129°46'49"E
 Depth 23.9 meters 33°30'17"N 129°47'15"E
 Depth 23.1 meters 33°30'08"N 129°47'43"E
 Depth 29.4 meters 33°31'50"N 129°47'48"E
 (46(1724)03 Tokyo)
- 97410** 9Ed. 10/11/03 LAST NM 50/03 2/04
 Add Depth 28.7 meters 33°30'07.1"N 129°46'42.3"E
 Depth 29.6 meters 33°30'24.0"N 129°46'48.8"E
 Depth 23.9 meters 33°30'17.0"N 129°47'15.3"E
 Depth 25.9 meters 33°30'14.7"N 129°47'31.2"E
 Depth 23.1 meters 33°30'07.6"N 129°47'42.6"E
 Depth 29.4 meters 33°31'50.1"N 129°47'47.5"E
 Depth 9.6 meters, blue tint and enclosing
 depth contour (10-meter) 33°33'38.2"N 129°44'41.7"E
 (46(1724)03 Tokyo)
- 97425** 6Ed. 1/30/99 LAST NM 1/04 2/04
 Add Depth 28.7 meters 33°30'07"N 129°46'42"E
 Depth 29.6 meters 33°30'24"N 129°46'49"E
 Depth 23.9 meters 33°30'17"N 129°47'15"E
 Depth 23.1 meters 33°30'08"N 129°47'43"E
 Depth 29.4 meters 33°31'50"N 129°47'48"E
 Depth 9.6 meters, blue tint and enclosing
 depth contour (10-meter) 33°33'38"N 129°44'42"E
 (46(1724)03 Tokyo)



SECTION I

NM 2/04

Chart 18531 (Lower Panel)

NM 2/04

COLUMBIA RIVER CHANNEL DEPTHS TOMAHAWK BAR TO BONNEVILLE LOCKS TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF NOVEMBER 5, 2003							
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (STAT. MILES)	DEPTH CRD (FEET)
TOMAHAWK BAR	18	20	17	10-01	300	3.7	27
AIRPORT BAR	17	18	17	10-03	300	2.8	27
GOVERNMENT ISLAND LOWER RANGE	14	17	16	10-03	300	1.1	27
GOVERNMENT ISLAND MIDDLE RANGE	15	16	16	10-03	300	1.6	27
FISHER QUARRY CHANNEL RANGE	29	26	21	10-03	300	1.0	27
GOVERNMENT ISLAND RANGE	25	29	26	10-03	300	1.1	27
GOVERNMENT ISLAND UPPER RANGE	17	18	23	10-03	300	0.8	27
LADY ISLAND RANGE	19	21	24	10-03	300	2.1	27
LADY ISLAND CHANNEL AND UPPER RANGE	28	30	20	10-03	300	0.9	27
WASHOUGAL LOWER RANGE	22	28	30	10-03	300	1.5	27
WASHOUGAL UPPER RANGE	18	29	29	10-03	300	1.1	27
GARY ISLAND RANGE	17	17	17	10-03	300	0.9	27
REED ISLAND RANGE	17	17	15	10-03	300	2.2	27
TUNNEL POINT CHANNEL	24	25	26	10-03	300	0.8	27
ROOSTER ROCK CHANNEL	26	23	25	10-03	300	1.2	27
CAPE HORN CHANNEL	34	32	31	10-03	300	2.4	27
CANDIANA CHANNEL	16	38	36	10-03	300	1.0	27
FASHION REEF LOWER RANGE	10	18	21	10-02	300	2.2	27
MULTNOMAH FALLS BAR RANGE	13	24	17	10-02	300	1.3	27
MULTNOMAH FALLS TURN	12	18	21	10-02	300	0.8	27
MULTNOMAH FALLS UPPER RANGE	19	22	22	3-01	300	3.2	27
MCGOWANS CHANNEL	37	31	25	2-00	300	1.1	27
WARRENDALE LOWER RANGE	22	21	22	2-00	300	0.9	27
WARRENDALE UPPER RANGE	24	28	19	2-00	300	0.8	27
HAMILTON ISLAND REACH	24	30	26	2-00	300	0.9	27
ENTRANCE TO BONNEVILLE LOCKS	22	22	22	3-00	300	0.6	27

* CONTROLLING DEPTHS ROUNDED TO THE NEAREST FOOT
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 32/02 THROUGH NM 2/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	45/02	11300	39	28*,30,31,32,34,35,36,44,45,50,51/03	11364	39	3*,4,5,8,9,18,19,21,23,25,26,27,30,33,34,35,43,50,51/03;1/04	11472	31	8*,25,40/03
20	3	18/03	11301	23	37/02;16,24,32/03;1/04	11365	17	52/02*;9,32,34,50/03	11474	10	6,17,52/03
22	1	18/03	11302	30	48/03*;1/04	11366	8	52/03*;1/04	11475	16	51/02;13/03
50	6	32*,34,40,50/03	11305	1	N36,N46/02;N1,N6,N7,N32/03;N1/04	11367	32	38*,45,46,51/03	11476	19	6,34/03
53	2	34,50/03	11307	36	22,24,27,35,52/03;1/04	11368	22	38/02*;19,21,23,30,33,34,35,45,46,51,52/03	11478	20	32*,50,52/03
70	4	7,34/03	11308	22	3*,7,10,23,25,32/03	11369	44	9*,18,19,21,27,43,50/03;1/04	11479	4	N35,N50/02;N6,N23,N25,N31,N34,N40,N52/03
71	4	7,34/03	11309	37	48*,50/03;1/04	11370	24	38/03*	11480	38	30/03*
72	4	7/03	11310	1	N46/02;N22,N23,N32/03;N1/04	11371	36	35*,48/03	11481	4	42*,49/02;6,12,13,19,28,34,50,52/03
73	4	34/03	11311	23	46/02;26/03;1/04	11372	30	2*,7,8,10,19,23,24,26,27,31,42,44/03	11484	21	34/03
101	3	48/02	11312	3	36,46/02;1,6,7,22,23,32/03;1/04	11373	43	48*,49/03;1/04	11485	33	22/03*
103	5	16/03	11313	22	22,27,36,52/03	11374	32	2/04*	11486	15	36/03*
108	9	35/02;34,39/03	11314	22	17*,21,22,32/03	11375	35	1*,2,5,7,9,20,23,24,27,29,47,51/03;1/04	11488	24	7,17,50/03
120	6	39/03	11315	31	48/03*	11376	49	48*,49/03	11489	34	8*,12,20,22,31,50,52/03
124	10	18,34,39/03	11316	39	17*,22,26,29,34/03;1/04	11377	5	38*,44/03	11490	17	50/03
125	7	21/03	11317	29	37,40,49/02;16,19,20,21,23,26,29,30,34/03;1/04	11378	32	11*,12,18,20,21,22,24,26,30,38,52/03	11491	33	34,37,38/02;12,30,34,50,52/03
222	1	18/03	11318	1	N46/02;N6,N24,N25,N44,N50/03;N1/04	11382	39	46/02*;9,25,26,37,52/03	11493	9	N39/02;N12,N20,N22,N31/03
506	8	32*,34,41/03	11320	1	N22,N23,N24,N52/03	11383	50	52/03*	11494	8	N39/02;N22/03
507	2	45/02	11321	29	39,40,41,45/02;23,31,34/03	11384	34	2/04*	11496	9	N35/02;N1,N17,N19,N34/03
508	2	45/02	11322	28	19*,20,23,30,34,35,42,47/03;1/04	11385	25	49/03	11502	28	14,17,20,22,50,52/03
509	12	9*,10,18,21,22,24,40,41/03	11323	60	47*,49,51/03;1/04	11386	16	24,34/03	11503	40	2/04*
510	3	40/03	11324	33	47*,49,52/03;1/04	11387	32	33,37/02;2,7,32,42,51/03;2/04	11504	15	12,22/03
511	6	38/02;34,50/03	11325	35	26*,38,42,47/03;1/04	11388	32	33,37/02;7,21,30,32,50,51/03;2/04	11505	1	34,40,49/02;1,4,5,11,22,34,43,51/03
512	127	38/02;34,40,41/03	11326	31	7*,9,16,20,21,22,23,24,30,31,33,35,38,45,46,52/03;1,2/04	11389	32	33,37/02;7,21,30,32,50,51/03;2/04	11506	40	10*,19,22,28,34,43,51,52/03
513	6	38/02;34,50/03	11327	31	46*,52/03;1/04	11391	23	2/04*	11507	31	9*,12,20/03
520	11	34,50/03	11328	23	43*,52/03;1,2/04	11392	6	34/02;21,32,50/03	11508	21	10/03*
521	8	34,50/03	11329	35	48*,49,52/03;2/04	11393	20	30,35,42/03	11509	27	1,11,24/03
522	12	47/02;34/03	11330	15	50*,51/03;1,2/04	11400	34	39/02;4,9,11,12,13/03	11510	18	34/02
523	3	40/03	11331	18	8,19,23,30,34/03	11401	29	27/03	11511	16	11/03
524	10	47/02;6/03	11332	28	42*,43,49,51/02;6,17,19,20,23,25,31,34,35,37,47,52/03;1,2/04	11402	21	30*,34/03	11512	59	10*,11,15,20,22,24,34,43,51/03
530	30	37,38,40,52/02;6,10,18,21,22,24,34,40,41,44,50/03	11333	1	N35/03	11403	29	38/03*	11513	23	49/02;1,24,50/03
531	21	47,52/02;21,24,32,34,41/03	11340	68	37*,38,45,46,49,50,51,52/03;1,2/04	11404	21	50/02;9,19,27,49/03	11514	26	37*,40,49/02;4,5,15,22,24,34,43,51/03
532	17	38/02;34,50/03	11341	39	14*,17,21,22,23,25,31,34,37,38,47,52/03;1,2/04	11405	29	38/03*	11516	30	43*,50/03
540	16	51/02;16,30/03	11342	52	27*,29,31,34,35,42,46,47/03;1/04	11406	11	9/03	11517	17	24/03
541	2	6/03	11343	37	48*,49,50/03	11408	28	3/03*	11518	33	14*,19,28,50/03
550	7	45/02;6/03	11344	35	9*,19,22,23,26,27,29,31,34,38,43,46,47/03	11409	28	32/03*	11519	12	28/03*
600	5	45/03	11345	31	9*,38/03	11411	14	43*,45/02;7,20/03	11520	41	38*,39,50/03;1,2/04
601	4	6,8,27,38/03	11347	33	42*,43,47,49/02;4,6,7,8,19,20,21,23,25,26,27,29,31,32,43,47,48,50,51/03	11412	41	42*,45/02;1,6,7,11,12,13,14,20/03	11521	26	35/02;9,19,24,28,34,39/03
602	6	47/02;6,38/03	11348	20	43*,47,51/03	11420	27	20*,21,22,25,52/03	11522	19	39/03
603	6	47/02;10/03	11349	40	38*,42,51/02;23,26,27,31,36,52/03	11423	7	N39,N42/02;N4,N8,N15,N21,N22,N25,N52/03	11523	21	35,52/02;5,9,19,24,28,34/03
604	5	38/03	11350	25	43/03*	11424	18	14,25/03	11524	46	8*,11,12,13,15,17,19,20,22,28,34,43/03
605	4	6/03	11351	38	20*,22,23,25,27,30,31,34,48,50,51,52/03;1/04	11425	34	46*,49/02;4,25,52/03	11525	6	N39,N40,N44,N46,N51/02;N4,N6,N8,N24,N39,N50/03;N1,N2/04
606	1	17/03	11352	36	3*,7,8,9,20,22,24,26,31,34,48,51/03;1/04	11426	36	38*,52/03	11526	10	20/03*
607	1	17,45/03	11353	2	35,38,43,45,49/02;4,5,7,18,20,21,26,27,31,34,43,45/03;1/04	11427	33	2/03*	11527	16	37/02;20/03
622	9	47/02;6/03	11354	24	26*,31,34,48,51/03;1/04	11428	32	52/02*;6/03	11528	21	11,39/03
623	9	47/02;19,36/03	11355	25	38/03*	11429	21	47/02*	11529	20	37/02;39,43,50/03
632	8	45/02	11356	35	38*,51,52/03	11430	25	17/03*	11534	32	17*,36,45,50/03
702	5	7/03	11357	36	38*,52/03;2/04	11431	18	15,22,25,39/03	11535	12	46/02;39/03
703	4	46/02;7,44/03	11358	52	41*,49,50,51/03;2/04	11432	30	36/02;7,15,20,52/03	11536	16	38/03*;2/04
705	3	46,52/02	11359	11	39/02;49,50/03	11433	25	41/03*	11537	34	21*,23,26,35,36,43,45,47/03;2/04
706	4	44/03	11360	40	1*,2,5,6,8,19,23,24,25,26,27,29,30,34,35,37,38,44,45,50,51/03	11434	25	17/03*	11538	18	39,44,51/02;6/03
707	2	34,44/03	11361	70	21*,23,24,25,26,30,31,35,51,52/03;1/04	11435	13	N8,N15,N21,N22,N39,N52/03	11541	34	51/03*
708	3	34,36/03	11362	4	N33,N36,N39,N40,N47/02;N2,N5,N6,N8,N19,N23,N24,N25,N26,N27,N29,N30,N34,N35,N37,N38,N49,N50,N51,N52/03;N1,N2/04	11436	16	7,25/03	11542	15	39/02
709	2	50/02;19,25/03	11363	39	47*,50,51/03;1/04	11437	37	47*,50/02;4,12,21,23,40/03	11543	22	39/02;8,38/03;1/04
1113A		20*,21,22,25,52/03				11438	11	7,8,21/03	11544	37	36/02*;8/03
1114A		39/02;4,9,11,12,13/03				11439	25	6,7,15,22/03	11545	60	45*,47/02;6,8,14,22,23,24,35,38,39,43,49/03;1/04
1115A		1*,2,5,6,8,19,23,24,25,26,27,29,30,34,35,37,38,49,50,51,52/03;1,2/04				11441	39	36/02;6,7,15,20,52/03	11546	35	37,47/02;6,8,14,22,23,35,38,39,43,49/03;1/04
1116A		37*,38,45,46,49,50,51,52/03;1,2/04				11442	34	38*,39,52/03	11547	38	47/02*
1117A		28*,30,31,32,34,35,36,44,45,50,51/03				11443	30	7,15,39/03	11548	28	17/03*
5161	13	48/03*				11444	30	36/02;7,15,20,52/03	11549	28	8/03*
11004	7	37,39,40,42,43,45,47,51/02;5,6,7,8,9,14,18,21,22,23,24,25,26,27,29,30,32,34,36,37,38,44,51/03;1/04				11445	30	7,15,39/03	11553	38	36/02*;7,24,50/03;1,2/04
11006	31	47*,49,50/03				11446	36	52/02*;22,40/03	11555	47	38*,42,52/02;7,12,18/03
11009	36	35,44,51/02;6,12,19,39,52/03				11447	36	30*,31,40/03	12200	25	N42,N52/02;N7,N12,N18,N24,N32/03;N1,N2/04
11013	45	38*,40,50,52/03				11448	14	7/03	12201	45	10*,33/03
						11449	16	7/03	12202	28	43*,50/03
						11450	8	15,22,25,39/03	12203	30	50/03*;2/04
						11451	31	20*,22,25/03	12204	20	50,52/02;18,50/03
						11452	16	7/03			
						11453	16	7/03			
						11454	38	36*,50/02;6,13,15,21,23,25,31,34,39,40,52/03			
						11455	5	7,15,25,39,52/03			
						11456	24	22,25/03			
						11457	17	24/03*			
						11458	16	7,25/03			
						11459	36	52/02*;22,40/03			
						11460	36	30*,31,40/03			
						11461	37	47*,50/02;4,12,21,23,40/03			
						11462	39	42*,43,49/02;40/03			
						11463	5	35,50/02;7,9,12,21,23,31,40/			

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 2/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12208	9	23*,28,41,50/03	12363	39	44/02;6,23,27,32,36/03	13301	20	33,51/02;23,42,45/03	14200	2	38/03**
12210	36	8*,33/03	12364	34	20*,23,25,27,32,36,39/03	13302	21	41/02;2,7,9,32,42,45,52/03	14201	15	38/03**
12211	41	10/03*	12365	26	6,23/03				14203	12	42/03**
12214	44	14*,19,52/03;2/04	12366	27	51/02;20,27/03	13303	12	48/02*;7,9/03	14204	21	38/03**
12216	27	47/02*;19/03	12368	26	42/02*;24,25/03	13305	28	40,41,49/02;2,7,9,36,44/03	14205	7	38/03**
12221	75	48*,50/03;2/04	12369	25	44/02;32,35,36,43/03				14206	20	43/03**
12222	44	26*,28,33,34,41,51/03;2/04	12370	18	39/02*	13307	10	23,28,44/03	14208	28	38/03**
			12371	23	27*,52/03	13308	11	40/02	14209		N38/03*
12224	23	8*,33,45/03	12372	31	45*,47,48/02;2,5,6,23,25,36,45,49,52/03;2/04	13309	28	42/02*;9,32,52/03	14211		N40/03*
12225	54	22*,33/03				13312	21	10/03*	14212		N38/03*
12226	16	7/03	12373	14	2/03	13313	19	41,49,52/02;6,9,36/03	14213		N39/03*
12228	29	43/02*	12377	14	37/02	13315	11	49/02	14214		N39/03*
12230	60	30*,34,42,48,52/03	12378	14	2,13,23/03	13316	22	28/03*	14215		N39/03*
12231	26	35,46/02;7,30/03	12401	7	47/02;2,13,33,41/03	13318	18	38*,41,52/02;5,6,21/03	14216		N39*,N44/03
12233	35	3*,4,5,6,14,34,45/03	12402	8	33,47/02;13,34,41/03	13321	9	20/03*	14217		N43/03*
12235	29	47/02;4,6,7,17,33/03	13000		N48,N49/02;N21,N26,N29/03	13323	7	5/03	14218		N39/03*
12237	27	48/03*				13324	13	41,52/02;2/03	14219		N40/03*
12238	37	46/02*;1,4,7,19,25,34/03;2/04	13003	47	36*,39,44,45,48,52/03	13325	14	2,29/03	14220		N39/03*
			13006	31	36*,39,44,45,48/03	13326	12	41,43/02	14221	26	40,46/02
12241	21	34,44/02;7,34/03;2/04	13009	30	42*,48,49/02;1,9,18,23,36,39,44,45,48/03	13392	2	6/03	14222	16	40/03**
12245	62	30*,33,34,49/03				13394	3	39/02*;9,21,42/03	14223	18	38/03**
12248	40	44/03*	13200	33	37,48/02;7,9,18,36,39,44,45,48/03	13396	4	9,19,21/03	14224		N39/03*
12251	23	35/02;4,6,7,15,26/03				13398	3	36/02	14225	17	39/03**
12252	23	33,34/02;4,7,10,15,17,30,35,45,49/03	13201	10	N37,N48/02;N9,N18,N36,N39,N44,N45,N48/03	14002	57	32,34,36,37,42,49/03	14226	32	39/03**
			13203	12	37/02;48/03	14003	6	48,49/02;5,9,12,29,39,48/03	14227	28	39/03**
12253	43	35/03*;2/04	13204	12	44/03	14007		N38/03*	14228	11	39/03**
12254	43	38*,43,44/02;30,34/03;2/04	13205	36	37,42,45,48/02;1,5,23/03;2/04	14008	76	38/03**	14229		N39/03*
						14010	5	35/02;26,32/03	14240	6	43/03**
12255	15	44/02;30,34/03	13209	23	37/02;23/03;2/04	14012	82	1/04	14241	23	39/03**
12256	14	48/03*;2/04	13211	13	47/02;45/03	14024	5	33,36,39/02;12,22,36,47/03	14242	13	40/03**
12261	28	37*,44/02;7,18,22,48/03	13212	35	9*,13,36/03;2/04	14040	65	40/02;34,49/03	14243	8	39/03**
12263	52	35*,42,44/03	13213	40	14*,25,36/03	14041	12	34,36,42/03	14244	5	39/03**
12264	28	38/02*;7,42,44,48,52/03	13214	27	34*,45,48/02;5/03;2/04	14042	3	34,42/03	14245	4	39/03**
12266	27	20,30/03	13215	17	45,48/02;1,5,0/3	14043	7	21,26,49/03	14246	6	39/03**
12270	32	9*,18,24,25,33,42/03	13216	1	N48/02;N2/04	14044	44	6,47,49/03;1/04	14247		N39/03**
12272	29	36,45/02;13,16,30,33,38/03	13218	38	42,45,51/02;5,46,50,52/03	14046	2	47,49/03	14248		N40/03*
						14061	27	6,9/03	14249		N39/03*
12273	54	47/03*	13221	53	44,51/02;2,5,7,27,46,49/03	14062	17	32,36/03;1/04	14250		N40/03*
12274	33	37*,50/02;5,15,17,30,33/03				14066	19	6,34,42,47/03	14251		N40/03*
			13223	36	52/02;2,46/03	14067	11	6/03	14252		N40/03*
12277	32	35*,51/03	13224	36	44/02;5,27/03	14081	21	36,47/03;2/04	14253		N40/03*
12278	72	36,45/02;19,25,30,33,38/03	13226	5	44/02;6,7,49/03	14082	30	33/02	14254		N40/03*
			13227	13	7,49/03	14085	6	49/03	14259	3	40/03**
12280	4	52/03*;2/04	13228	11	51,52/02	14087	58	33/02	14260	47	39/03**
12281	49	12,19,25,38,44,48,49/03;1/04	13229	27	39,42,45,52/02;1,7,19,48,50,52/03;1/04	14088	10	41/02*;34/03	14263	15	40/03**
						14089	29	41/02*;34/03	14264	4	40/03**
12282	34	43/03*	13230	46	2*,7,19,50,52/03;1/04	14090	2	33/02	14268	37	40/03**
12283	24	8,18,25/03	13232	4	39,42/02	14091	6	41/02*	14310	2	40/03**
12284	15	7,42,48/03	13233	16	10,39/03	14105	19	47/03	14328	6	47/03
12285	35	11*,14,19,22,34,36,45/03	13235	5	48/03	14110	42	32,44/03;1/04	14329	5	32,47,49/03;1/04
12286	29	2*,4,6,42,52/03	13236	29	45/02;1,7,19,50/03;1/04	14111	7	14,32,34,42,44/03	14340	25	33,37,40,52/02;12,22,30,49/03;1/04
12289	48	10*,19,22/03	13237	39	27*,39/03	14112	5	32,42,44/03;1/04	14341	5	12,34,47,49/03
12300	43	19*,39,44,48,49/03	13241	15	34,42/02	14115	2	47/03	14342	20	52/02;30,49/03
12301	21	N37,N39,N42,N45/02;N5,N17,N39,N44,N48,N49/03	13244	39	48/02;7,32/03	14136	2	1/04	14344	2	37,40/02;49/03
			13246	37	36*,42/03	14141	17	47/03	14345	5	37,40/02;12,22,49/03
12304	43	21*,26,48,52/03;2/04	13249	12	22/03*	14143		N38/03*	14349	7	42,47/03
12311	42	38*,48,51/03;1/04	13253	18	3*,8/03	14144	29	38/03**	14353	3	42/03
12312	52	10*,15,24,32,51/03;1/04	13260	39	36*,39,42,45/03	14145	2	47/03	14354	2	32,42,50/03
12313	49	35*,43,52/03	13263	7	N36,N43,N48,N49/02;N1,N7,N9,N18,NP21,N23,N26,N29,N36,N39,N42,N45/03	14146	2	32,49/03	14355	3	50/03
12314	30	46*,50/02;5,25,33,35/03				14151	2	37/02;32,34,38/03;1/04	14357		N52/02;N49/03
12316	29	2*,6,32/03				14168		N37/03	14358		N36/02;N34,N47/03;N1/04
12317	31	37,50/02	13264	103	36,49/02;9,P21,26,29,39,42,49/03	14169	2	32,38,42,49/03	14360	36	33,36/02;47/03
12318	41	9*,32,44/03				14173	2	38/03	14373	2	34,49/03;1/04
12323	23	40/02;4/03				14174		N42/03*	14380	19	49/03
12324	30	2*,8,49/03	13267	31	47/03*	14175		N43/03*	14386	3	36/02
12326	49	35*,49/03	13270	60	50/03*	14176		N38/03*	14404	4	47/03
12327	97	48*,49/03	13272	47	40/02;8,25,35/03	14177		N40/03*	14415	4	33/02;36/03
12331	30	8*,13,14,18,33/03	13274	25	43/03*	14178		N40/03*	14420	27	40/03**
12332	21	43,46/02;13,18/03	13275	28	45/03*	14180	38	42/03**	14500	27	52/02*
12333	33	44*,49/03	13276	22	36/03*	14181	3	43/03**	14756		N50/03
12334	66	30*,34,36/03	13278	25	1,9,32,39/03	14183	15	38/03**	14758		N32,N49/03
12335	40	47/03*	13279	30	20*,32,39/03	14184		N32,N44,N47,N49/03	14773	16	26/03
12337	22	45/02;13,18/03	13282	11	21*,39/03	14185	2	40/03**	14774	16	15/03
12338	9	21/03*	13283	18	1,9/03	14186	2	40/03**	14782	24	47/03
12339	44	50/03*	13285	10	20/03	14187	2	38/03**	14784	19	47/03
12341	26	36/03*	13286	29	39*,40,50/02;1,9/03	14188	1	42/03	14786	13	49/03
12343	18	37/02*;7,21,27/03	13288	40	36,43,50,51/02;29,42,44,45/03	14189	2	36,42,44/03	14803	26	5,49/03
12345	10	42/02*;21/03				14190	2	37,42/03	14804	24	5/03
12347	29	27,29,35/03	13290	35	39*,42,44,49/03	14191		N38/03*	14813	21	2*,49/03
12348	33	27,29,34/03	13292	36	36,40/02;7,16,29,42,44,49/03	14192		N38/03*	14815	22	43/03
12350	57	39*,49/02;29/03				14193		N38/03*	14816	23	5/03
12352	30	46/03*				14195		N42/03*	14820	19	11/03*
12353	17	39/03	13293	33	43,51/02;14,27/03	14196		N38/03*	14822	31	10/03*
12354	40	38/03*;2/04	13295	11	2*,14/03	14197		N38/03*	14823	30	1/03*
12358	19	46*,49/02;1,7,10/03	13296	25	43/02;27/03	14198		N43/03*	14826	27	4*,49/03
12362	16	49/02	13298	10	43,52/02						

SECTION I

NM 2/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 2/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14829	5	49/03	15562		N41/02;N16/03	16701	19	37/03*	17541	3	43/02
14830	30	31*,34,47/03	15569		N23/03	16702	11	37/03*	17542	6	47/02
14832	34	52/02*;49,51/03	15570		N23/03	16705	19	49/02;16,43/03	17543	17	41/02;43/03
14833	25	43,49,51/03	15585		N14/03	16707	10	34,37/02;16,20/03	17545	13	43,47/02;43/03
14835	31	39/02	15690		N35/03	16708	25	37,49/02;16,20,50/03	17546	22	42,43,47/02;24,34,35,43/03
14836	27	42/02*	15880		N41/02	16709	22	49/02	17548	28	16,43/03
14837	27	3/03	15946		N47/03	16712	1	16/03	17549	6	47/02;15/03
14838	3	52/02*	15954		N47/02*	16713	2	49/02	17550	4	42,43,P44,45,47,48,52/02;43/03
14839	36	9*,43,49,51/03	16003	16	13,36,48/03	16741	9	46/02	18000	8	45/02;6,10,21,36,44/03
14842	13	46*,51/03	16004	11	13,17,48/03	16760	10	51/02;28/03	18002	6	N45/02;N2,N6,N10,N21,N36,N44/03
14843	22	39,51/02;43,51/03	16005	9	36,48/03	16761	16	28/03	18003	19	22*,41,43/03
14844	31	4,51/03	16006	33	6,32,35,36/03;1/04	17003	4	47,52/02;24,35,36/03	18005	4	N34/02;N6,N10,N13,N21,N26,N40/03
14845	26	4,51/03	16011	35	38/02;8,29,31,32,35,44,50/03;1/04	17005	10	41,45,47,52/02;24,34,35,43/03	18006	3	N6/03
14846	11	39,40/02;2,43,47/03	16012	21	38/02;34,50/03	17008	12	43/02;36/03	18007	31	33,34,37,38,39,40,47,52/02;18,22,24,26,35,41/03
14847	30	40/02;43,47/03	16013	28	9,17,21,22,32,34,35,41,44/03	17300	30	52/02*;21,39/03	18008	7	N33,N34,N37,N38,N39,N40,N47,N52/02;N18,N22,N24,N26,N35,N37,N41/03
14848	56	9,17,21,22/03	16016	19	34/03	17302	18	51/02;49/03	18009	2	N34/02;N6,N13,N26,N40/03
14850	52	2/04*	16041	8	48/03	17303	9	37/02	18010	20	33,34,37,38,39,40/02;6,13,26,33,40,47/03
14852	45	19*,21/03;2/04	16042	7	39/02*	17315	23	2*,16,21,25/03	18020	37	47/03*;1/04
14853	14	26/03*	16047	8	37,49/02;13,17/03	17316	20	3,25/03	18022	33	34,37,45/02;6,10,13,21,25,33,35,36,40,43/03;1/04
14854	13	17/03	16061	8	37,49/02;13,17/03	17318	5	39/03	18400	44	41*,43,47,49/03
14864	26	37/02;1/04	16067	7	1/04	17320	15	13,29,34,39/03	18401	12	34/03
14865	16	4/03	16081	6	1/04	17323	10	13,22,29,39/03	18403	21	6,20/03
14867	26	39/03*	16082	6	1/04	17324	13	39/03	18405	12	43/02;16/03
14871	2	34/03	16083	5	1/04	17325	7	29/03	18406	5	16/03
14873	2	35/02	16200	13	36/03	17327	21	46/03*	18409	8	41/03
14880	30	33/02;4/03	16206	7	46/03	17360	33	31*,36/03	18411	10	N16,N20/03
14881	31	33/02	16220	5	36/03	17372	11	48/03*	18412	10	20/03
14885	20	51/02	16300	8	52/02;3,8/03	17375	20	50/03	18413	15	20,22/03
14886	11	41/03*	16305	9	8/03;1/04	17382	15	20*,36/03	18414	9	20/03
14901	14	52/02*;5/03	16315	10	1/04	17383	1	49/02;8/03	18415	8	42/02;7,22,32,39,47,50/03
14902	28	4/03	16322	7	8,46/03;1/04	17384	7	44/02	18416	6	P44,48/02;22,46/03
14903	23	31/03*;2/04	16338	3	1/04	17385	14	14/03*	18418	6	15/03
14904	26	40/03*;1/04	16343	7	1/04	17400	16	36/02;10,12,44/03	18419	11	47/02;12,46/03;1/04
14905	30	45/03*	16363	12	38/02*	17401	10	1,36/03	18420	1	22,47,49,50/03
14906	23	5/03	16381	8	8,25/03	17402	10	46/02*	18421	46	50/03*
14909	19	49/03	16420	10	46/03*	17405	14	12,25,46/03	18423	33	1*,5,7,9,15,18,30,32,34,36,38,39,43,45,47,49/03
14910	23	17/03*	16423	2	47/03	17406	6	25/03	18424	25	7,45/03
14911	20	4/03	16431	7	50/03*	17409	10	39/02*;44/03	18427	21	35/02*;7,19,45/03
14912	17	31/03*	16440	13	37/02	17412	2	49/03	18429	9	3*,22/03
14913	18	31/03*	16441	7	37/02	17413	2	43,50/02;10,44/03	18430	7	6,7,22,49/03
14915	25	28/03*	16442	7	41/03*	17414	3	41/02	18431	6	2/03*;1/04
14916	10	45/02*;17/03;1/04	16480	10	38/02;34,50/03	17416	3	10,14/03	18432	5	14/03*
14917	23	3/03	16500	9	9,33/03	17420	26	36,37,42,43,50/02;1,10,12,14,20,36/03	18433	5	2*,22,32,36/03
14918	26	17/03;1/04	16520	21	2,31,33/03	17422	8	52/02*	18434	5	2/04*
14919	27	1/04	16528	16	9,33/03	17426	13	37/02;1,16,20/03	18440	26	3*,15,18,22,28,30,32,34,38,45,47,51/03
14922	19	51/02;9/03	16529	14	50/02;9,33/03	17427	7	21,36/03	18441	43	39*,45,47,51/03
14924	27	5,49/03;2/04	16530	6	50/02;33/03	17428	7	5,36,43/03	18443	15	39/02;6,34/03
14926	10	32*,47/03	16535	12	2,21,31/03	17429	2	N38/02*	18444	15	39/02;34/03;1/04
14927	24	35,37/02;47/03	16549	15	41/03*	17430	10	5,36/03	18445	29	33,39/02;6,7,9,10,15,18,22,25,28,34,36,38,42,45,47,51/03;1/04
14928	21	4/03*	16556	4	8/03*	17434	11	5,36,43/03	18446	16	47*,51/03
14929	24	14/03*	16561	1	29,35,44/03	17435	16	40,49/03	18447	26	52/02;6,7,10,18,47/03
14930	24	45/02;1/04	16566	10	29,44,49/03	17436	6	20/03	18448	33	1/04*
14931	24	35/02*	16568	12	39/02*	17437	8	21/03	18449	18	50*,51/03
14932	23	26/03*;1/04	16571	1	39/02;1/04	17438	12	50/02;10,14,15,21,36/03	18450	17	9*,44/03
14933	24	35*,37/02;1/04	16576	4	47/03*	17441	7	10,15/03	18452	16	34,38/03
14934	27	17*,26/03;1/04	16580	11	39/02;1/04	17443	12	10/03	18453	24	14*,25,36,38,42/03
14935	21	1/04	16590	10	38/02*;1/04	17445	2	10,14,36/03	18455	2	N39/02;N15,N34,N38/03
14937	24	52/02*;2,17/03	16591	8	1/04	17446	10	N10/03	18458	15	19*,28,34,38/03
14938	23	1/04	16592	9	16/03;1/04	17460	5	N5,N36,N49/03	18459	5	N39/02;N9,N15,N28,N34,N38/03
14942	25	35/02;1/04	16593	11	14/03*;1/04	17465	4	6,12/03	18460	11	2*,6,7,43/03
14961	11	47,49/03	16594	13	2/03;1/04	17470		N23,N41/03	18464	23	24*,30/03
14963	20	51/02	16595	14	2/03;1/04	17471		N6,N47/03*	18465	35	2*,15,30/03
14965	21	11/03*;2/04	16596	12	39/02*;1/04	17472	4	5,14,36,41/03	18468	17	7/03
14966	25	14*,21,49/03	16597	8	43/02;1/04	17480	4	43/02;5,10,36/03	18471	9	36/03*
14967	22	5/03	16598	9	43/02;1/04	17482		N7,N14,N41/03	18473	7	4*,18,19,34,38,45,47,51/03
14970	25	40,46,51/02;1/04	16599	6	43/02;1/04	17483		N41/03	18474	7	45/02*;7,10,15,22,25,34,36,38,45,51/03
14972	25	1/04	16601	10	1/04	17484	3	41/03			
14973	27	15/03*	16603	8	48/03*	17485	4	41/03			
14975	33	52/02*;43,49/03	16604	11	1/04	17489	19	43/02			
14983	9	46/03*	16605	8	1/04	17495	2	43/02			
14985	9	41/03*	16606	11	37/02*;21/03;1/04	17503	4	43/02			
14986	9	46/03*	16608	4	46/03*	17513		N42,N43/02;N15/03			
14988	10	41/03*	16640	24	21/03;1/04	17515	7	6,15,16,36,43/03			
14995	11	52/02*	16645	18	1/04	17517	8	6,15,16,34/03			
15043	3	34,47/03	16646	12	8/03;1/04	17518	7	P44,48/02;16,18,20,41,47/03			
15044	3	34,47/03;1/04	16647	3	1/04						
15046	4	47/03	16648	4	1/04	17519	13	16/03			
15061	3	50/03	16660	28	42/02;6,16,47,49/03	17520	2	N6,N16,N34/03			
15064	1	50/03	16663	6	42/02;6,16,47,49/03	17521		N15/03			
15066	5	32,47/03	16665	7	42/02;6,16,47,49/03	17522		N15/03			
15067	2	47,49/03	16680	10	6,32,37/03	17523		N15/03			
15069	4	47/03	16681	10	37/02*	17524		N12,N15,N49/03			
15070	3	49/03	16682	15	8*,17,19,37/03	17525		N15,N43/03			
15080	1	47/03	16683	9	3,6,17,32,37/03	17526		N15/03			
15160	5	50/03	16700	28	40*,43,50/03	17528		N43/02;N6,N12/03			
15163	2	50/03									
15313	1	15/03									

CHARTS AFFECTED BY NOTICE TO MARINERS
 NM 33/02 THROUGH NM 2/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
18475	1	35/03	18757	10	13,41/03	21342	28	41,44/02	22313	2	44/02:8,18,38,40/03
18476	4	39/02:7,9,28,34,38/03	18758	6	35/02*:16,33,49/03	21384	3	6/03	22314	1	44/02:40/03
18477	5	7/03	18760	6	N34,N35,N45,N50/02; N6,N25,N35,N36, N44/03;N1/04	21401	20	7/03	22322	11	33/03**
18480	29	2*:6,7,43/03	18761	2	N1/04	21441	27	34,44/02	22331	2	N10,N19,N24/03;N1, N2/04
18484	10	40/02:15,29/03	18762	15	1/04	21478	3	9,16/03	22335	4	19,52/03
18485	15	2*:10,29/03	18763	9	1/04	21482	1	36,46/03	22341	9	43/02:11,21,29,52/03; 2/04
18500	28	39/02:12,22,28/03	18765	15	45,50/02;12,27,46/03	21510	1	9,16/03	22342	9	21,29/03
18502	84	39,42,49/02:9,21,28,29, 42,47,52/03	18766	7	45,50/02;12,27,36/03	21521	14	29/03	22343	1	N43/02;N10,N11,N21, N41,N52/03;N2/04
18504	65	19*:35/03	18768	4	N45,N50/02;N12,N27, N36,N38/03	21525	19	38/03	22344	6	N23*,N52/03
18520	24	33,39/02:22/03	18769	2	N1/04	21563	3	45/02	22345	11	42/02:24/03
18521	69	34*:39,49/02:4,10,12,21, 22,24,29,52/03;2/04	18772	47	21*:48/03	21580	40	52/03	22347	6	N23/03*
18523	53	33/02:4,12,52/03	18773	39	40*:41/03	21581	5	41/03	22351	1	N43/02;N12,N35,N41, N52/03;N2/04
18524	33	33/02:4,6,10,24,29,47, 52/03	18774	10	35/02*:10,16,49/03	21601	4	31/03	22352	6	12,19,24,35,52/03;1,2/04
18525	33	33/02:4,9,29,52/03	18775	2	N1/04	21603	9	5,31,36/03	22360	2	19,52/03;2/04
18526	55	33/02:4,18,29,52/03	19002	9	N37,N51/02;N16,N23, N29,N46/03	21605	7	31/03	22361	2	N10,N30,N32,N33,N34, N52/03;N2/04
18527	21	48/03	19004	36	35,37,51/02:23,29,30, 46/03	21661	12	6/03	22370	2	15,19,26,30,33,34/03; 2/04
18528	10	52/02*:18/03	19007	16	51/02:16,23,29,30,46/03	22012	31	34/02:6,29,32/03	22371	5	30,32,33,52/03;2/04
18529	10	52/02*	19008	4	16,23,29,46/03	22032	20	19,40/03	22373	1	N50/02;N10,N24,N30, N32,N33,N34/03
18531	20	34/02:9,10,48,52/03;2/04	19009	4	16,23,29,46/03	22036	28	47/02:51/03;2/04	22375	1	N10,N15,N26,N37/03
18532	20	10,52/03	19010	17	45*:51/02:23,29/03	22050	4	12,26/03	22377	1	N10,N13/03;N2/04
18545	15	50/03*	19013	16	51/02:29,30,46/03	22052	6	46/02:25,34,43,47/03	22379	1	N50/02;N10,N30,N32/03
18548	5	8/03*	19016	9	46/03	22082	4	13,25,38/03	22381	1	N43/02
18558	37	39/02:48/03;1/04	19019	9	28/03*	22084	4	42/02:35,37/03	22395	2	42/02:15,19,22,26,30/03
18561	11	33,39/02:10,51/03	19320	16	35,37,51/02:5,16,23/03	22090	2	43/02:4,17/03	22401	4	N23*,N30/03
18580	21	33,38,39/02:51/03	19324	22	35/02:5,23/03	22100	3	12/03	22403	1	N45/02
18581	17	49/02*:4,36,50,51/03	19327	10	23,43/03	22101	19	43/02:37/03	22404	15	46/02
18583	38	33,42,49/02:12,43/03	19330	9	27/03	22102	19	17/03	22406	1	N1/03
18584	47	39,49/02:4,6,30,48, 52/03;1/04	19331	7	23,43/03	22109	3	17/03	22407	1	N4,N11,N18,N30/03
18587	68	33,39,42/02:4,6,9,10,21, 27,36,52/03;1/04	19339	1	N35,N49,N51/02;N5, N13,N30,N47/03	22111	4	17/03	22408	1	N10,N21/03
18588	37	22*:36/03	19340	26	35,49,51/02:5,13,29,30, 36,47/03	22112	3	43/02:17,37/03	22409	4	N45/02;N10,N17,N22/03
18589	15	44/03	19347	17	29/03	22113	8	12,17/03	22410	32	43,44,46/02:19,23,40/03
18600	14	33,37,38,40/02:44,47/03	19348	7	29,43/03	22114	5	42,43/02:17,33,37/03	22412	2	2/04
18601	13	10/03;1/04	19353	12	27/03	22117	3	37/03	22413	1	N45/02;N22/03
18602	12	26*:47/03;1/04	19357	22	42*:49,51/02:5,13,30,36, 47,50/03	22120	3	34,36,39,41,43,52/02:29, 32/03	22415	8	2/04
18603	16	9*:10/03	19359	10	12,16,47/03	22121	9	34,36,44,52/02:29,32,47, 51/03	22417	1	N10,N25/03;N1/04
18620	23	35/02*	19360	1	N37,N51/02	22122	2	34,52/02:6,29,32/03	22418	2	36,44,46/02:19/03
18622	52	49/02:21,25,27,35/03	19361	7	30/03	22125	1	36/02	22420	2	4,11,15,19,30,40/03
18623	11	34/02	19362	12	49/02	22126	1	36/02	22421	4	N43,N44,N46/02;N11, N23,N25,N26,N27/03
18626	15	37/02:10/03	19366	36	49/02:5,50/03	22130	2	44/02:14,17,29,32,38/03; 2/04	22423	3	N11,N25,N27/03
18640	24	26,38,42/03	19367	37	49/02:10,50/03	22138	2	41,44,48/02:6/03	22424	2	N27/03
18643	17	26*:33,41,43/03	19379	1	N51/02;N5,N13,N30, N46/03	22140	2	34,36,44/02:25,47/03	22425	2	44,46/02
18645	24	50/02:33,38/03	19380	14	51/02:5,13,30,46/03	22142	2	39,41,43/02:25,40,47/03	22427	1	N43,N44,N46,N50/02; N11,N23,N25,N26, N40/03
18647	15	2/03*	19381	8	49,51/02:26/03	22143	4	26*:29/03	22429	1	N46/02;N10,N14,N17, N19,N27/03
18649	63	48*:50/03;2/04	19382	15	26/03	22145	2	N41/02;N25/03	22430	6	19/03
18650	52	47/03*	19383	17	49/02:5/03	22160	2	34,39,41,48,52/02:25/03	22433	3	39,47/02:11,14,35/03
18651	42	15*:48/03	19387	9	N46/03	22170	3	39/02:6/03	22434	2	35/03
18652	32	36*,40,43,46,48,49/03	19388	2	N46/03	22172	8	48/02*:4,6,29/03	22436	2	39/02:10,14/03
18653	9	36,38,41/02:4,6,21,43, 50/03	19401	8	10/03*	22173	36	48/02*:6,17,29/03	22440	1	19/03
18654	42	38,49/02:12,16,35,46, 48/03	19402	6	9/03*	22180	2	34/02:32/03	22471	31	44/02:2/04
18655	58	49/02:12,16/03	19421	7	8/03*	22181	16	39,41/02:29/03;2/04	22481	35	43,44/02:19/03;2/04
18656	53	19*:21,33,40,43,48/03	19441	7	28/03*	22182	6	34/02:14,29/03	22482	16	44,50/02:23/03
18657	18	4,21,40/03	19442	5	14*:26/03	22183	4	52/03*	22492	3	34/03
18658	29	4,21,33,40/03	19461	7	10/03*	22190	2	29/03	22521	3	12,17,34/03
18659	14	49/02:7,16,21,43,48/03	19483	6	11/03*	22205	2	12,18/03	22523	3	12,17,34/03
18660	2	29*:43,49/03	21005	5	45/02:2/03	22221	20	12,31,34/03;1/04	22529	3	12,17,35/03
18661	27	15*:16,43,49/03	21008	62	39,42,43,50/02:1,2,36/03	22222	1	4,12,31/03;1/04	22531	2	12,17,35/03
18662	20	7,43,44/03	21011	5	2/03	22225	2	12,18,40/03	23000	5	51/03
18663	5	14*:43/03	21014	72	42,50,52/02:2,3,4/03	22233	29	13,18,25,37/03	23010	4	38/02
18666	1	21,33,48/03	21017	50	41,50/02:4,5,6,9/03	22234	1	1/04	23020	4	22/03
18680	30	6,13,33,35,38,40/03	21020	42	41/02:5,6,7/03	22250	2	42/02:12,18/03	23030	6	38/02:21,22,37,42/03
18685	32	36*:46/03	21021	3	45/02:13/03	22251	11	12,28/03	23121	7	17,20/03
18687	13	8/03*	21023	41	34/02:7,8,9/03	22252	18	2/04	23122	8	33/02
18700	22	40/03*	21033	46	1,16/03;1/04	22259	4	20,24/03;2/04	23124	3	N17,N20/03
18703	25	40/03*	21036	7	1,16/03;1/04	22263	1	26,37/03	23125	4	17/03
18704	12	37/02	21120	27	47,50,51,52/02	22264	2	42/02:13,18,20,24,26,37, 41/03	23131	7	12,22/03
18720	31	35/02:4,6,10,12,25/03	21121	18	47/02	22275	3	42/02:12,18,26/03;2/04	23141	7	34/02:22,37/03
18721	11	35/02:6,10,39/03	21122	5	47/02	22281	9	12,18/03	23142	10	8,37,47/03
18723	3	6/03	21125	13	51,52/02:36/03	22282	17	12/03	23145	3	37,51/03
18724	1	22*:25/03	21126	1	50/02	22283	3	N12/03	23150	10	37,52/02
18725	27	32/03*	21140	1	45,50/02:12,27,36/03	22284	7	N10,N38/03	23151	3	12/03
18740	40	46*:49/03;1/04	21141	23	48/02	22290	4	18,30/03	23152	3	37/02:12/03
18741	18	N45,N50/02;N12,N27, N38/03;N1/04	21161	1	45/02	22293	15	18,26,37,38/03	23153	8	12,13,49/03
18744	30	37/02:35/03	21180	1	2,7/03	22294	15	12/03	24004	36	41,42,46/03
18746	34	34/02:5,13,41,49/03	21182	34	39/02	22305	2	18,24,30,34/03	24016	53	39/02
18749	38	40/02:5,6,16,21,26,28,31, 39,41,49,50/03	21200	1	2/03	22311	19	8/03	24024	46	18,25/03
18751	42	40/02:5,6,16,21,26,28,31, 39,46,49,50/03	21301	13	3,12/03	22312	2	13,30/03	24028	6	48/02
18754	17	39*:43/03									

SECTION I

NM 2/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 2/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
24050	11	34,38,49/02;20,31,32,33,51,52/03	24461	4	16,38,47/03	26125	3	41/03	35040	18	45/02;4,8,10,14,21,49/03
24052	15	37,38/02;14,19,21,30,42,44,50/03	24462	5	47/02;16,29/03	26127	21	49/02;5/03	35041	8	35/02;4/03
24053	16	19/03	24463	6	39/02;12,15,25,26,38/03	26128	50	49/02;5/03	35042	9	44/02;4,14,49/03
24055	6	37,49/02;14,19,21,42,50,51,52/03	24465	6	33,47/02;38/03	26129	11	41/03	35044	9	38/02
24057	4	38,49/02;20,30,33,42,52/03	24469	1	46,47/02;13/03	26142	10	33/02	35047	5	35/02
24058	2	37,38/02;19,22,28,29,30,42,44/03	24470	4	39,47/02	26210	2	36/02	35060	14	40,41/02;10,14,49/03
24060	2	34/02;17,32/03	24471	8	47/02	26218	2	31/03	35080	16	40/02;49/03
24080	5	17/03	24480	1	41,44,45,49/02;24,27,42,52/03	26219	5	31/03	35081	15	22,27/03
24091	6	6,21,46/03	24482	2	49/02;31/03	26229	11	31/03	35082	7	22,27/03
24092	14	6/03	24483	2	49/02	26230	12	31/03	35083	8	20/03
24100	5	46/03	24484	3	49/02;31/03	26240	7	9/03	35084	15	50/02
24101	3	37,41/02	24490	3	25,27/03	26244	3	9/03	35086	5	22/03
24102	3	37,41/02	24491	3	27/03	26245	16	51/02;15/03	35088	2	50/02
24110	3	35/03	24492	20	46/02	26259	2	51/02	35099	3	41/02
24130	14	5/03	24501	3	27/03	26261	27	8/03	35100	14	40,45/02;5,30/03
24133	6	31/03	24502	6	46/02;27,34,47/03	26262	3	8/03	35101	6	41/02
24140	18	41,42,46/03	24504	7	41,45,46/02;42,48/03	26282	6	22,23,34/03	35103	5	41/02
24141	4	5/03	24508	3	22/03*	26290	1	21/03**	35120	13	40,45,47/02;5,30/03
24142	43	5,6/03	24509	2	45,50/02;15,25,34,42/03	26295	1	21*,22,34/03	35130	3	48,51/02;5/03
24149	1	52/03	24510	2	41,45,46,50/02;42/03	26300	7	21/03*	35135	1	5/03
24150	27	41,47/03	24511	2	24,42,48/03	26308	5	21*,22,23,34/03	35136	2	48,51/02
24151	4	41/03	24512	3	44,46/02;24,25,38,42/03	26309	26	11/03	35141	11	34/02
24152	2	41,47/03	24513	18	46/02;38,42/03	26310	1	N48/03*	35143	7	34/02
24153	6	39,47/03	24517	2	46,49/02;25,40,42/03	26312	2	21/03	35144	3	11/03
24155	6	46,49/03	25001	7	15,52/03	26316	3	21/03	35150	3	48/02
24160	21	47/03	25017	5	15,25,31,34,39,52/03	26320	5	35/02;7,12,22,23,25,31,40/03	35155	3	25/03
24161	11	42/02;7,28,32,39,40,47/03	25018	9	15,25,31,34,39,52/03	26323	4	1/03	35163	7	44/02
24162	9	42/02;6,7,28,32,39,40,42,47,52/03	25400	1	35,48/02	26327	2	N41/02*;N17/03	35166	4	35/02
24164	6	39,41,47/03	25480	1	42,46/02;52/03	27005	4	6,8,9,22,23,34/03	35167	3	35/02
24170	14	5,6,35/03	25485	45	36/03	27040	5	9/03	35169	2	35/02
24171	19	5,6,37,52/03	25487	2	36/03	27041	4	50/02	35200	7	48,51/02;5,25/03
24172	4	5,6/03	25524	43	33/02;1,5,20,24,26,32/03	27042	21	41,42/03	35236	2	38,50/02
24180	15	8,40/03	25525	17	1,5,26/03	27060	2	22,23,34/03	35246	2	38,43/02
24201	5	49/03	25526	2	33/02;24,32/03	27080	4	15,22,39,52/03	35247	4	50/02
24202	6	31,35,46/03	25527	31	33/02;24,32/03	27081	6	49/02	35255	3	50/02;14/03
24203	36	49/03	25528	5	42/02	27082	6	49,51/02	35256	2	14/03
24210	14	42/03	25550	2	21/03	27083	39	28/03	35270	2	38,46/02
24220	14	39/03	25563	50	33/02;14,18,21/03	27084	4	13/03	35276	3	46/02
24222	3	39/03	25565	7	33/02	27100	2	8,21/03	35277	3	38,46/02
24223	33	39/03	25566	27	18,30/03	27102	11	28/03	35279	3	38/02
24230	20	52/03	25567	16	21/03	27120	4	41,43,44/02	35299	9	13/03
24233	15	36,43/02	25570	3	16/03	27142	5	9/03	35301	6	17/03
24234	3	35/03	25575	4	35,39/03	27160	2	8,13,35/03	35302	7	17/03
24240	5	39/02;7,39,46,52/03	25600	47	25,27/03;1/04	27161	4	8,13/03	35303	7	40/02;17/03
24250	5	39/02;7,39/03	25607	4	39/02;48/03	27163	21	49/02;8/03	35308	5	10/03
24251	23	34,43/02;6,39/03	25608	21	16,26,34,38/03;1/04	27183	8	1,9/03	35330	2	38,41/02
24252	5	39,43/02;6,39/03	25609	5	1/04	27186	8	1,9/03	35350	2	38,41/02
24260	5	34/02	25610	8	2/04	27188	1	1,9/03	35402	3	38/02
24270	3	17,29/03	25611	22	1/04	28004	1	45/02;8,9,22/03	36005	2	34,36,38,45,46/02;P12,14,17,24,25,27,31,43,44/03
24271	14	17,29/03	25613	2	25,27,47/03	28006	1	8/03	36010	27	38/02;5,15,16,20,23,43/03
24274	2	17,29/03	25640	40	15,25,31,34,39,52/03	28050	3	34/02;26,42,47/03	36015	2	36,46/02;27,44/03
24290	3	36,43/02	25644	13	20/03*	28084	4	17/03**	36040	16	1,15/03
24291	4	36/02	25646	7	N42/02	28150	3	8/03	36046	5	38/02
24292	4	36/02	25649	19	44/03*	28154	2	38/03	36060	17	38/02;5,8,20,21/03;2/04
24293	6	36/02;37,42,46/03	25650	33	25,30,31,39/03	28190	2	41,43,45,46/02;18/03	36061	5	46/02;20/03
24294	22	36/02;37,46/03	25653	13	8/03*	28196	4	41,43,45/02;18/03	36062	11	40*,46/02
24320	4	34,43/02;6,17/03	25659	9	20/03*	28197	4	45/02;18/03	36098	6	5/03
24321	3	6/03	25663	27	17,30,39/03	28202	22	41,44/02	36102	6	13/03
24322	6	34/02;6,17/03	25664	15	17,30,39/03	28210	2	33,35,39,41/02	36103	9	13/03
24350	2	51/02;18/03	25666	17	17/03	28220	2	35,39/02	36104	6	13/03
24355	2	51/02;25,37/03	25667	20	15/03	28221	18	33,37,39/02;5/03	36106	7	47/02;5,13/03
24360	1	25/03	25668	18	48/02;13,34/03	28223	4	35,39/02	36118	3	5/03
24370	1	34/02;48/03;1/04	25670	42	2/04*	28260	30	35,37/02	36120	9	46/02;5,8,16,23,27/03
24375	2	34/02;38/03	25671	18	21/03*	28263	3	35,37/02	36123	25	46/02;11,16/03
24376	1	38/03	25673	15	42/02;43/03	28264	3	35,37/02	36124	18	16/03
24380	2	35/02;48/03;1/04	25675	9	20/03*	28265	3	37/02	36125	7	4,30/03
24388	2	35/02	25677	20	32*,39,52/03	28281	32	36/02	36137	4	38/02
24404	8	35,44,48/02	25679	10	20/03*	28282	2	35/02	36138	3	39/02;4/03
24405	10	35,36,44,48/02	25681	16	28*,34,39/03	28300	1	39,50/02	36139	4	4/03
24406	30	2/03	25683	18	32*,34,39,52/03	28302	16	33,39,40/02;12/03	36140	12	36,41/02;4,10,27/03
24408	21	36,44,48/02	25685	9	22*,52/03	28310	2	33,35,39/02	36141	7	4/03
24410	2	44/02	25687	12	30/03*	28320	6	33/02	36143	4	34/02;5,30,43/03
24430	5	39/02;8,11,31,52/03	25700	3	15/03	28325	2	5/03	36161	10	34,44,45,47,50/02;4,10,18/03
24431	14	39/02;31,52/03	25720	3	33/02	29002	9	18,29/03	36162	10	35,45,47,50/02;4,18/03
24433	3	52/03	25841	9	36/02	29015	5	16/03	36163	13	34,35,38,44,45,47,50/02;4,18/03
24434	4	39/02;52/03	25848	25	5,13,15/03	29040	3	39,48/03	36164	7	34,38,44,46/02;8,15/03
24450	3	26,47/03	25849	13	42/02;12/03	29105	5	49,50/03	36165	6	36,44/02;10,27,30,43/03
24453	5	26/03	26001	4	9/03	29107	2	29,36/03	36167	2	40/02
24454	5	5,26/03	26050	1	34/02;26,47/03	29127	4	29,39,42/03	36173	1	40/02
24460	4	39,47/02;15,29,32,47/03	26060	1	49/02;42/03	29141	3	29,39/03	36180	23	36,40,50/02;4,27,44/03
			26068	11	18,50/03	29142	3	7/03	36181	18	36,40,50/02;4/03
			26081	8	46/02;16,42,43/03	35000	26	47,48/02;14/03	36182	6	36,40/02;27/03
			26100	4	31/03	35008	21	45,48,50/02;5,25,27/03			
			26122	30	22/03*	35009	19	40,41,45/02;5,10,14,49/03			
						35011	2	48/02;1,25/03			
						35036	21	36/02;10,15,27,43/03			

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 2/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
44075	4	42/02:13,23,40/03	44320	4	6,8,9,15,P20,25,26,37,49,50,51/03;2/04	51342	3	1/03	53064	6	33/02:10,20,39/03
44076	3	22,28,30,32/03	44321	6	40/02:6,8,44,45/03	51344	2	5,7,16,18,44/03	53065	2	33/02:39/03
44081	9	39/02:9,13,46,48/03	44340	11	37/02:4,6,8,9,15,17,P20,26,33,37,49,50,52/03;2/04	51380	5	47/02:42/03	53066	2	33/02:20,39/03
44082	11	9,33/03	44341	7	37,41/02:7,9,P20,26,52/03	51420	5	42/03	53081	8	4,5,11,16/03
44083	8	9,11,24,25,26/03	44342	8	37,41/02:6,52/03	51440	4	42/03	53082	13	40/02
44084	1	6,11,26/03	44352	2	4,6,7,8,12,15,17,19,49/03;2/04	51500	6	20/03	53083	8	9,10,21,22,41/03
44085	2	51/03	44360	9	34,37,41,42/02:4,9,10,20,27,28,30,31,32,37,39,44,52/03;2/04	51540	3	22,45/03	53084	6	51/02:14,16/03
44100	7	44/02:2,9,11,12,13,22,31,40,41,46,48,49,51/03	44361	6	4,10,15,21,26,27,28,35,52/03	51559	3	41/02	53085	6	51/02:14,16/03
44105	2	49/02:5,6,8,24,26,27,41,47,48,52/03	44366	1	7,8,26,27,43,52/03	51560	11	50/03	53086	8	46,48/02:17/03
44120	7	2,9,10,15,19,20,22,23,24,27,33,39,40,41,45,48,49/03;1/04	44367	2	35,37,40/02:6,39/03	51562	10	50/03	53087	9	48/02:17/03
44140	8	50/02:1,6,19,21,23,24,26,31,40,44,47,50/03	44400	4	48/02:4,6,7,8,9,12,15,17,19,23,24,25,27,34,41,49,50,51/03	51580	13	41/03	53088	7	33/02
44160	7	46/02:1,4,5,6,11,13,14,15,20,26,31,41,47,48,49/03;2/04	44401	7	10,12,19,24,41,49/03	51600	12	20,39/03	53089	4	21,22,23,41/03
44161	2	50/02:1,2,6,10,21,35,39,41,48,49,50/03	44410	4	4,6,11,12,13,14,15,23,24,26,27,41,45,49,50/03;2/04	51620	10	20,39/03	53090	1	41/02:50/03
44162	1	50/02:1,24,47/03	44420	6	36,49/02:8,9,10,11,12,14,17,22,25,27,40,44,49/03	51621	9	20/03	53093	2	41/03
44163	1	48/02	44430	2	6,10,11,14,19,24,25,40,44,47,52/03	51641	4	32,34,40/03	53100	16	33,39,42,51/02:6,10,13,18,20,21,24,31/03
44164	1	46,48/02:1,11,18,22,47/03;2/04	44444	6	9,12,30,34,35,36,38,41,52/03	52031	1	6,21,48,49/03	53101	7	33/02:8,13,16,24/03
44165	1	46/02:1,5,6,11,20,22,24,34,39,45,48/03;2/04	44462	4	27,39/03	52039	4	5*7,8,9,13,14,18,21,45/03	53102	2	35,42/02:20,24/03
44178	2	2,5,7,10,16,26,27/03;2/04	44465	2	6,25,47/03	52040	17	43,50/02:13,16,18,34/03	53103	20	37/02:8/03
44179	2	10,16,35,39,51,52/03	44481	2	24,26,31,50/03	52042	6	22/03*	53106	6	21,33/03
44180	6	34,45,46/02:1,2,5,7,8,9,20,26,43,48,50/03;2/04	51007	22	38/02:7,27,33,40/03	52043	21	46/02:6,7,48,50,52/03;1/04	53107	16	35/02:6/03
44181	5	5,10,13,20,21,27,48,52/03;2/04	51013	4	38/02:7,21,33,36,45/03	52045	6	36/02	53110	1	40/02:10,15,17/03
44182	4	48,49/02:1,2,15,18,27,42,43,46,48,49/03;1,2/04	51017	31	37/02:24,40,44/03	52046	21	50/02:6,7,16,18,21/03	53111	3	44/02*
44183	6	48/02:1,6,8,9,10,19,20,25,27,35,39,43,46,49/03;2/04	51022	11	37/02:44/03	52047	11	7,8,34/03	53120	14	39,42/02:5,6,7,13,17,31,35/03
44184	9	45,49/02:2,10,13,20,22,32,48,52/03	51027	8	45/03	52048	3	8/03	53122	3	40/02:7,8,16/03
44185	7	45,49/02:1,2,10,27,32,48,50/03	51032	10	45/03	52051	1	43/02	53123	3	7,29/03
44186	2	45,46,48/02:1,2,5,8,9,10,15,16,25,27,29,49/03;1/04	51061	14	1,7,15,17,19,21,22/03	52052	1	43/02	53125	2	46,51/02:13/03
44187	2	5,6,9,13,25,27,39,44,48,50,52/03;2/04	51064	2	52/02:1,17/03	52054	1	14/03	53130	1	42,47/02:10,13,18/03
44192	1	46,48/02:1,18,23,39,43,44,48/03;1,2/04	51081	10	5,6,13,15,17,21,22,45/03	52055	1	14/03	53133	4	33*45/03
44193	1	1,7,15,18,43,48,50/03	51082	7	5,7,13,15,17,21,22,45/03	52060	16	43,50,51/02:7,12,P20,26,29,34/03	53135	2	51/02:7/03
44200	9	34,52/02:4,9,12,13,22,27,37,43,47,50/03	51100	7	1,6,7,8,9,14,27,33,34,41/03	52061	2	45,48,51/02:7,12,20,P20,26,29,34/03	53141	5	34,51,52/02
44203	1	33,48/02:2,5,15,25,52/03;2/04	51103	10	33,45/02	52062	7	7,12,23,29,34/03;1/04	53147	3	36,39,42,51/02:6,7,10,13,17,20,35/03
44204	1	48,52/02:2,4,5,7,12,13,27,50/03	51104	1	33,45/02	52066	3	50/02:14,16/03	53160	14	51/02:3,6/03
44205	2	48,52/02:2,5,7,12,15,19,22,26,27,29,31,39,43/03	51120	6	6/03	52080	14	50,51/02:4,7,10,11,12,14,20,P20,26,48,49/03	53161	8	51/02:3,8,13,18/03
44206	1	46/02:4,5,13,16,17,19,24,28,40,46/03	51135	1	22,46/03	52082	3	45,46,48/02:11,12,20,P20,26/03	53162	7	50/02*:15/03
44207	1	4,5,17,19,23,28,40,41,45,46,50/03	51142	2	6,13,15,22,33,40,45/03	52083	2	45,46,51/02:1,16,46,48/03	53164	9	37,51/02
44220	5	46/02:4,5,13,16,21,40,45,46,48/03	51143	4	6,40,45/03	52084	2	45,46,51/02:1,16,46,48/03	53165	13	39/02:8/03
44221	1	19,21,52/03	51145	2	42/02:13,22/03	52086	2	45,50,51/02:1,4,9,11,14,36/03	53180	10	33,34,43,51/02:1,3,6,7,13,15,18,20,21,29/03
44223	1	6,13,21,24,48/03	51146	3	42,52/02:5,36/03	52087	1	51/02	53181	4	34/02:1,13,21/03
44224	1	49/02:5,20,21,24,42/03	51150	1	50,51/02:1,13,15,22,33,40,46/03	52088	2	45/02:4,10,11,12,14,18,P20,26,49/03	53182	4	36/02:15,16/03
44240	8	49,50/02:4,7,13,14,15,16,19,21,25,39/03	51155	3	50,51/02:13,15/03	52092	1	46,51/02:16,48/03	53183	13	35/02:20/03
44243	2	5/03	51159	2	6/03	52120	12	51/02:6,11,16,18/03	53184	5	35/02:1,6,13,18,20/03
44260	7	2,5,6,13,21,48,52/03	51160	20	48,50,51/02:1,4,5,6,7,14,15,21,22,45/03	52121	8	45,46/02:1,6,8,11,16,23/03	53200	6	33,36,43/02:5,6,7,15,16,20,30/03
44280	9	34,49,50/02:2,6,12,15,19,22,34,44,47,50/03	51163	4	4,43/03	52122	14	45/02:11,14/03	53201	6	51/02:18,21,38/03
44281	2	49/02:12,15,19,21,22,27,45,49,50/03	51164	18	38,45,46,50/02:2,4,8,43/03	52124	1	51/02	53202	6	15,17/03
44282	1	49,50/02:13,17,19,21,26/03	51166	3	N45/02:N39/03	52125	1	45,46/02:8,11,16,18/03	53203	11	5/03
44283	2	50/02:8,21,43,45,49,50/03	51168	2	45,46,50/02:2,4,8,45/03	52140	6	48,50/02:3,12,18,29,46,49,52/03	53204	10	44/02:5/03;1/04
44284	2	41/02:6,42,44/03	51180	5	13,16/03	52141	5	48/02:41,44,46,49/03	53205	3	5,26/03
44285	1	2,15,40,44,47/03	51200	4	14/03	52142	2	12,18,23,29/03	53206	6	5,25/03
44286	1	2,27,40,47/03	51222	6	51/02:16/03	52143	8	18/03	53220	6	36,43,51/02:5,16/03
44310	5	41,42/02:7,37,50/03	51223	2	17,18/03	52144	5	50/02:3,7,8,10,14,16,18,21,23,47/03	53226	3	3*17,18,35/03
44313	1	41,47/02:36,37,39,40/03	51240	4	37,50/02:16,18,28,43,44,52/03	52160	7	50,52/03	53242	12	52/02:1,13/03
44319	2	41,42/02:4,6,9,10,P20,26,27,28/03;2/04	51260	4	37,50/02:16,18,28,43,44,52/03	52161	14	6,11,14,52/03	53244	2	1/03
			51261	23	5,6,13,15,19,40,46/03	52164	2	14/03	53262	8	1/04*
			51263	23	49/02:13,17/03	52170	3	14,16,42,52/03	53263	1	37/02:17/03
			51341	23	48/02:6,16,34/03	52172	2	40/02:1,52/03	53264	5	17/03
						52180	14	42,43,51/02:1,8,10,13,15,16,50/03	53265	6	35,41,46,52/02:15,16/03
						52183	9	52/03	53266	4	1,8,13,17/03
						52200	8	7,17/03	53268	4	42/02:7/03
						52220	7	27/03	53269	5	17/03
						52221	7	27/03	53279	3	7,15/03
						52223	4	27/03	53281	4	40,52/02:15,18/03
						52240	9	27/03	53282	8	40/02
						53011	2	51/02	53283	4	33,52/02:40/03
						53031	1	39,48/02:5,12,14,24,31,49/03	53284	4	33,40/02:7,21,24/03
						53058	2	4,37/03	53285	4	35/02:7,15/03
						53060	14	51/02:4,5,9,10,12,14,31,36,39,44/03	53287	6	35,42/02:1,5,7,8,10,15,22/03
						53061	10	44,47/02:12,16,17,38,44/03	53290	1	35/02
						53062	13	1,14,16/03	53301	4	22/03
						53063	9	33*,37/03	53302	4	51/02
									53303	6	49,51/02
									53306	2	39/02:31,43/03
									53311	3	39/02:37/03
									54040	3	37/02:6,10,20/03
									54041	7	35/02:4,8,16,17,24/03
									54043	2	17/03
									54060	5	37/02:16/03
									54061	11	52/02:42/03
									54063	3	1,13/03
									54081	3	10/03
									54085	2	40/02:15,24,42/03
									54090	3	46/02*:11,15,19/03

CHARTS AFFECTED BY NOTICE TO MARINERS
 NM 33/02 THROUGH NM 2/04

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
54095	3	46/02*:8,15,30,42/03	54463	5	1/04	56120	12	1/03	62032	16	11*,17,21,41/03
54105	3	46/02*:8,13,17,19,50/03	54464	5	17/03	57000	10	43/03	62033	3	N11*,N17,N21,N41/03
54115	3	46/02*:15,30/03	54480	8	36,41/02;2,17,21/03	57029	9	12/03	62046	3	19/03*
54120	5	37,39,41/02;15,17,19/03	54481	8	36/02;33,43/03	57035	10	10,12,23/03	62050	6	44/02
54125	3	46/02*:15,17,30,47/03	55001	4	36,37,42/02;14,15,28,29,33,35,36,39,43,44,52/03	57060	7	43/03	62092	7	41/02
54131	2	50/03				57063	5	40,41/02	62093	7	41,49/02
54140	7	41/02;15,30,47,51/03	55040	4	39,41/02;16,20,21,35,36,39,41,42,50,52/03	57064	3	41/02	62095	3	11*,32/03
54151	1	3,42/03				57101	18	41/02	62097	6	38/03*
54161	12	10,20,21/03	55041	7	21,43,49,50/03;2/04	57103	2	16/03	62098	7	33/03*
54165	2	33,37/02;38/03	55042	1	42/02;17,35,37/03	57120	13	43/02	62100	6	P23,26/03
54166	3	10/03	55043	2	37,39,42/02;37,52/03	57140	10	43/02	62110	9	P23,26/03
54167	2	20/03	55044	5	41,43/02;16,42,52/03;1,2/04	57141	14	43/02	62140	1	34,40/02
54168	1	37/02;10,17,38/03				57142	6	43/02	62142	10	32/03
54169	3	37/02;17,38/03	55045	2	41/02;39,52/03	57160	10	43/02	62143	3	32/03
54180	6	41,43,50/02;5,30,42,47,51/03	55046	4	37,38,39,41,48/02;18,19,35,36,41,46,50/03	57162	7	43/02	62170	2	38/02
						57164	2	43/02	62171	4	38,47/02
54181	7	48/03*	55047	8	41,49,51/03	57165	1	43/02	62188	3	50/03
54195	2	5,51/03	55048	12	36,37,39,41,48/02;20/03;1/04	57170	1	43/02;52/03	62191	15	11*,15,28/03
54200	4	5,8/03				57200	6	11,52/03	62194	8	36/02;4/03
54201	6	8/03	55049	6	41,43/02	57201	5	52/03	62195	7	19/03*
54222	4	43/02;20/03	55060	7	36,37/02;28/03	57220	4	11/03	62220	9	21/03*
54223	2	8/03	55061	1	28/03	57241	12	31/03	62222	5	19/03*
54224	2	8/03	55062	5	28,33/03	57242	8	41/03	62225	3	37/02;17/03
54226	2	50/02;47/03	55063	1	6,44/03	57245	1	41/03	62230	2	50/03
54227	2	50/02;47/03	55064	3	37,48/02;6/03	57260	3	23/03	62241	10	9/03
54266	2	13/03	55082	9	5,25,32,44,46,50/03	57261	2	23/03	62242	11	47/02;9/03
54279	4	50/02*:2,15/03	55084	7	39/02;39/03	57262	4	23/03	62250	4	34,38/02;32/03
54280	10	5,15,22/03	55085	9	5,31,33,36,39,46,50/03	57381	12	52/02;15,16,23/03	62270	4	37,41/02;29,32/03
54282	1	51/02	55100	8	36,37/02;6,28,29,33,34,39,43,44/03	57400	4	12/03	62271	5	37,41/02;10/03
54283	5	52/02				57408	2	12,24/03	62290	3	37,41/02;10,21,P23,26/03
54284	1	51/02;15,34/03	55101	4	7,25,32,34,38,39,42,43,46,50/03;2/04	57420	3	12/03	62295	3	21,P23,26/03
54287	7	5,15/03				57460	4	10,12,29/03	62302	2	4/03
54288	5	1/03	55102	3	4,5,15,25,32,36,43,46,50,52/03;2/04	57471	3	12,15/03	62310	2	29/03
54289	8	1/03				57472	2	12/03	62330	2	38,40/02
54302	1	21/03	55103	2	48/02;1,4,5,7,15,19,20,25,26,27,31,35,36,38,42,43,45,46,50,52/03;2/04	57480	8	12,15,23,27/03	62340	3	38/02
54318	3	1,14/03				57482	12	24/03	62343	3	8/03
54320	4	48/02;1,24,25/03	55104	2	48/02;4,5,7,14,19,31,33,36,45,46,52/03;2/04	57483	11	24/03	62350	3	10/03
54321	2	25/03				57484	19	15,23,24,27/03	62355	6	8,29/03
54322	7	1/03	55105	7	36,41,42/02;14,15,29,33,36,42,43,48,52/03	57488	6	24/03	62360	5	38/02;12/03
54329	4	5/03				61000	20	10,15,23,27,31/03	62361	2	N38/02;N12/03
54332	3	25/03	55110	2	37/02;6,29,43,44,51/03	61020	2	27/03	62366	4	33/03*
54333	3	25/03	55120	2	36/02;6,14,28,33,34,42/03;2/04	61036	8	7/03	62391	5	33/03*
54334	3	5/03				61040	6	10,31/03	62393	7	34,37,50/02
54335	3	24/03	55127	2	10,14,24,27,32,36,51/03	61050	4	10,15,31/03	62394	10	34,37,50/02
54339	8	12/03	55128	2	33,36,38/02;1,4,5,8,14,26,27,28,32,34,43,50/03;2/04	61051	7	15,24/03	62395	3	25/03*
54340	8	48,51/02;3,4,24/03				61060	5	12,27,39/03	62400	17	33/02;4,9,31/03
54341	4	23/03	55129	7	33,36,37/02;6,15,27,34,35,42,45,46/03	61061	9	10,12,15,24/03	62401	9	6,10,41/03
54343	10	48/02;4,5,11,12,13/03				61070	4	9,39/03	62402	10	10/03*
54344	6	48/02;24/03	55130	2	45/02;5,14,19,32,33,34,39,42,46,50/03;2/04	61071	9	18,39/03	62404	3	6/03
54346	8	11,12,13/03				61080	4	9/03	62405	8	43/03
54347	4	51/02	55131	1	36,45/02;6,19,25,38,39/03	61090	5	12,27/03	62406	2	33/02;28/03
54350	4	51/02;37/03				61091	5	12,18,24,27,35/03	62408	7	10/03
54351	7	52/02;26/03				61092	13	18,27,35,39/03	62409	6	7/03
54352	3	52/02;1,3,33,37/03	55133	3	5,14,34,36,38,46/03	61100	4	10,12/03	62411	1	52/02
54359	2	38/03	55138	4	52/03	61110	3	25/03	62412	12	52/03
54360	12	52/02;20,21,34,50/03	55139	5	41/02	61112	10	35/03	62413	12	28*,50,52/03
54361	10	38/03	55140	2	1,5,14,29,33,34,35,36,42,45,46,47,52/03;2/04	61141	6	38/02;35/03	62417	1	52/02
54362	3	52/02				61142	6	38/02;7,35,39/03	62419	6	33/02;8/03
54363	3	21,50/03;2/04	55150	2	37/02;15,36,48/03	61180	4	38/03	62420	5	33,37,39/02;8,52/03
54364	2	52/02	55160	2	42/02;29,41,42/03	61190	4	39,41/02	62429	9	39,43/02
54365	6	36/02;11,21/03	55161	1	17,41,42/03	61204	5	13/03	62431	8	37/02
54366	4	50/03	55170	2	36,41/02;46/03	61300	2	7/03	62432	17	50/03*
54369	4	52/02;20,21,34,50/03;2/04	55180	2	33/02;1,15,29,33,36,39,42,45,46,47,52/03;2/04	61310	2	33/02;7/03	62433	12	34,45/02;1/03
54380	6	42/02;3,16,18,28,34/03				61311	5	33/02	62434	9	40,46,52/02;8,12,17,18,21,23,43,50/03;1/04
54382	9	16,28,40/03	55190	2	6,20,27,39,40,51,52/03;2/04	61312	3	33/02	62437	10	30*,32,35,37/03
54386	10	42/02;16,18/03				61331	4	7/03	62439	4	1/03
54387	7	42/02;16,18,30,39,42/03	55200	2	8,10,20,25,26,27,28,32,33,36,39,42,45,46,47,50,52/03	61400	2	7/03	62440	8	16*,41/03
54389	8	43,52/02				61410	2	7/03	62441	10	36/02
54400	8	43/02;3,16,22,30,36,37/03	56011	1	50,52/03	61430	2	7/03	62442	6	24/03
			56031	1	1,2,17,21/03	61433	1	7/03	62446	3	43/03
54402	4	43,52/02;24,30,36/03	56041	4	21/03	61434	2	7/03	62453	4	16*,50,52/03
54407	4	43/02;3,7,16,30,37,49/03	56044	3	38/02	61541	8	41/03	62455	7	39,43/02
54409	2	7,8,12/03	56060	9	27*,38/03	61560	2	7/03	62457	6	11/03*
54413	3	37/03	56063	1	16/03	61562	2	6/03	62459	2	6,41/03
54416	5	33,37/03	56064	6	38/02;2,16/03	61581	5	28/03	62460	4	33/02;10/03
54417	1	30/03*	56065	3	33,38/02;16,38/03	61582	4	28/03	62464	2	49,50/02;4/03
54418	4	43/02;3,7,16,30,37,49/03	56067	3	48/02*;20,38/03	61591	4	28/03	62480	2	16*,18,32,41/03
54419	2	3/03	56081	19	41/02	61610	7	34/03	62490	2	16*,17,18,21,32,50/03
54421	6	47/02;36,41,43,46,49/03	56082	16	29/03	61611	11	34/03	62498	4	4,9,31/03
54422	4	46/03	56100	14	33/03*	61612	4	34/03	62499	4	49,50/02;4,9,31/03
54423	5	48/02*:17/03	56101	6	33/02;1/03	61650	3	12/03	62510	3	11*,12/03
54430	1	37,43/02;36,43/03;2/04	56102	23	1/03	62000	20	46/02	62512	3	N11*,N12/03
54440	4	41/02;17,38/03	56103	6	1,33/03	62001	5	11*,28,50/03	62515	2	45/02
54441	6	42/02;2/03	56104	3	22/03*	62024	13	38,40/02;29/03	62520	6	20*,28,32,41/03
54462	5	17,51/03	56105	1	38/03*	62028	15	10/03	62521	4	N20*,N28,N32,N41/03

SECTION I

NM 2/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 2/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
62530	6	20*,28,32,52/03	71040	5	34,42/02;7,47/03	72103	2	4,6,7,19/03	74200	8	37,46/02;1,8,32,40/03
62531	4	N20*,N28,N32,N52/03	71042	1	34/02	72105	2	36,38/02;7,11,19,50/03	74201	9	32/03
62540	6	34,40,45,48,50,52/02;8,12,17,18,21,30,35,43,50/03	71045	2	23/03	72107	2	7,19/03	74202	3	1,7,27/03
62541	3	N34,N40,N45,N48,N50,N52/02;N8,N12,N17,N18,N21,N30,N35,N43,N50/03	71058	2	36/02	72109	3	42,44/02	74204	5	37/02;1,7,8,32,40,46/03
62550	3	16*,28,32,52/03	71059	1	36/02	72130	4	46/02	74205	2	27,32,35/03;1/04
62560	4	16*,18/03	71061	15	36/02	72131	3	11/03	74206	2	34/02;27,32,35/03
62570	4	33,34,36,40,45,48/02;8,12,17,18,30,35,37,43,50/03;1/04	71066	1	39/02;6,7,10,24/03	72161	10	10/03	74210	7	7,17,37,46/03
62572	1	50/03*	71081	3	21/03	72181	2	36/02;7,11,50/03	74220	8	35,47,51/02;30,37,46,50/03
62580	3	33,45/02;12,35/03	71091	4	1,2/03	72190	2	10/03	74221	2	35,51/02;30,38/03
62590	2	36,40,46,48/02;8,12,17,18,21,23,30,37,43,50/03;1/04	71140	6	33,39,46/02;1/03	72201		8/03	74229	2	33,37,43,47/02;18,26,50/03
62591	3	N36,N46,N48/02;N8,N12,N17,N18,N21,N23,N30,N37,N43,N50/03;N1/04	71180	29	33,37/02;7,12,13,15,21,23/03	72211	6	43/02;5,8/03	74230	7	39,42/02;5,7,36,46,50/03
63000	13	48/02;40/03	71185	24	7,13,15/03	72231	8	21/03	74231	7	35/02;3,21,36,50/03
63005	18	16/03	71186	2	7/03	72234	2	18,19/03	74232	9	5,7,21/03
63010	14	52/02;44/03	71210	18	44/02;3,23,27/03	72236	1	9,12/03	74233	1	8,17/03
63015	11	38,40,52/02;9/03	71211	4	38/02	73000	9	40,52/02;10,20,21/03	74234	8	34,39,42/02;4,5,7,8,9,41,46/03
63020	15	4,9,11/03	71212	1	38/02	73002	4	5,11/03	74240	8	34,37,42,44,46,51/02;6,9,17,21/03
63040	2	46/02;52/03	71230	11	38/02;6/03	73004	4	10/03	74251	8	47/02;8,9,16,20,21,30/03
63050	2	46/02;45/03	71241	10	6,12,16,20/03	73008	8	11,13,23/03	74261	9	41,49/02;4,10,30,39/03
63053	4	39,45/03	71243	5	15/03*	73012	6	11/03*	74265	2	38,41,43,47,49/02;7,9,16,21,30/03
63055	2	39/03	71247	18	5,6,8,14,17,21,22/03	73014	10	48,52/02	74270	3	38/02;7,38/03
63060	7	45/03	71248	2	N51/02*;N1/03	73016	4	44/02	74271	9	38,46/02;19,26,27,29,30,38/03
63062	7	7,16,18,37,44,50/03	71249	2	35/02	73020	9	9,21,22/03	74272	7	4,19,29,30/03
63063	9	20/03	71251	11	35,40/02;1,15,21,50/03	73024	3	39/02	74273	5	38,41,43/02;7,19,27/03
63065	6	44/03	71253	10	35,40,42/02;5,6,7,13,14,16,17,21/03	73030	4	22/03	74281	7	3,30,52/03
63070	3	16/03	71255	6	28/03*	73032	4	9,22/03	74282	2	46,49/02;27,52/03
63080	5	48/02	71257	2	5,6,7,12,13,16/03	73041	2	5/03	74285	2	34,35,45/02;1,9,16,38,50/03
63090	8	15,30,40/03	71258	2	35/02;5,6,7,13,22/03	73042	7	13/03	74286	2	29,35/03
63091	4	39,48,52/02;9/03	71259	3	15*,17,19,44/03	73552	4	34,45/02;1,7,9,10,38/03	74287	2	34,38,52/02;9,47/03
63100	2	44/02;30/03	71261	8	35/02;2,16/03	73570	7	34,45/02;1,10/03	74289	5	9/03
63101	15	15,30,40/03	71262	7	6,33/03	73580	4	52/02;43/03	74290	11	34,39,45,46,48,49,51/02;1,7,9,10,16,27,30,38,50/03
63102	19	15,30,40/03	71265	3	46*,49/02;7,13,15,16,20/03	73581	4	52/02;3,43/03	74292	8	34,38/02;9,27,52/03;1/04
63103	17	15,16/03	71271	10	34,52/02;19/03	73590	6	47,52/02;36,43/03	74293	7	34,45,48/02;9,16/03
63110	4	40/02;16/03	71272	10	34/02;19/03	73601	3	34,35,47/02;43/03	74294	3	34,45/02
63111	9	48/02;9/03	71273	2	51/03	73631	4	36,46/02;1,17,40/03	74295	3	4,9,27,29,35/03;1/04
63120	2	44,48,52/02;8/03	71275	3	35/02;2,6,16,19,33/03	73640	5	36/02;16,40/03	74296	4	34,38,49/02;9,27,52/03
63121	5	48/02;5,8/03	71281	7	51/02;34/03	73650	5	40/03	74300	3	35/02;8,18,41,43/03
63200	5	52/02;30/03	71285	3	34,52/02;13,19/03	73653	1	40/03	74340	3	16/03
63201	9	40/02;30/03	71295	2	34,39,40,52/02;12,19/03	74000	6	36,47/02;2,7,18,41/03	74350	4	16,44/03
63205	2	30/03	71305	2	34,36/02;2,13,23/03	74002	2	35,47/02;31/03	74376	5	43/02;9,16,44/03
63210	3	45,52/02;16,30/03	71311	4	7/03	74003	5	47/02;7,10,31,34/03	74380	4	8,9,26/03
63220	5	45,52/02	71313	8	45/02	74004	2	35,37,39,47/02;9,30/03	74391	3	39/02;25,49/03
63230	6	45/02	71314	5	6,10/03	74005	2	34,35,46,47,51/02;4,7,9,16,27,30,38/03	74392	9	38,41,50/02;3,39/03
63231	8	45/02	71315	2	34/02	74007	1	36/02;46/03	74393	2	41,49,50/02;3,39/03
63232	3	45/02	71320	1	35/02;5,14,33,38/03	74008	6	51/02	74410	3	38/02;7/03
63240	4	19/03	71325	8	5/03	74009	10	38,49/02;8,9,21,36,44/03	74415	1	39/02
63250	6	40/02;11/03	71330	13	35/02;5,33,38/03	74012	10	37,40,49/02;6,8,19,20,27,36,37/03	74420	3	45/02;19,27,30/03
63252	1	33/03	71331	11	5,7,8,33,38/03	74015	10	40/02;21,31,36/03	74430	2	49/02
63271	8	52/02;8/03	71333	2	6,7,33/03	74016	3	27,42,48/03	74440	3	39/02;2/03
63290	7	38/02;10,22/03	71335	2	8,38/03	74017	4	37,45/02;18,31,38/03	74450	3	49/02;2,37/03
63291	9	33/02;16/03	71340	11	40,46/02;2,4,5,6,7,33/03	74018	6	44/02	74455	3	48/02;1,4,38,49/03
63310	5	11/03	71343	3	7/03	74020	4	33,37,38,43/02;5,18,31,38/03	74460	4	37,40,46,49/02;6,20,37/03
63320	8	37,49/03	71348	3	35/02;7,23/03	74021	7	33,35,39,44/02;7,10,26,31,35/03	74465	2	9,36,38/03
63321	6	42/02;9,37,49/03	71349	2	23/03	74024	7	44/02;36,49/03	74470	2	8/03
63322	2	9,49/03	71350	8	5,6,7,14/03	74027	9	43,44/02;39/03	74475	2	44/02;42,48/03
63330	9	39/02;4/03	71400	5	14,23/03	74030	6	51/02;42/03	74480	2	44/02
63337	15	39/02;4/03	71401	1	40,46,51/02;5/03	74051	2	42/03	74485	3	43/02
63370	1	20/03	71410	1	40,46/02;4,5,6,33/03	74052	2	51/02	74493	3	38,43,45/02
63400	1	39/02;8,11/03	71411	1	39/02;12,23/03	74053	2	51/02	74494	2	41/02;8,9,16/03
63410	6	39/02;8,9/03	71420	1	38,39/02;3,12,14,23/03	74151	9	36,44/02;2,20,29,40,41/03	74510	2	33,35,37/02;5,10,17,18,35,38/03
63413	5	39/02	71430	3	11*,20,23/03	74152	11	36,44/02;27,30,34/03;1/04	74515	4	33,35,39/02;4,7,10,31,35/03
63417	2	39/02	71440	2	11*,23/03	74153	2	36,44/02;2,27,41/03;1/04	74521	3	39,41/02;4,31/03
63420	2	39,45/02;8/03	71445	1	7/03	74162	4	36,46,47/02;8/03	74530	2	44/02;36,49/03
63424	2	45/02	71450	1	7/03	74171	4	33,36,47/02;3,10,18,20,40/03	74535	2	42,44,48/02;36,38,49/03
71005	1	34/02;2,6,12,13,16,23/03	71455	2	11*,23/03	74172	5	36,47/02;7,10,18,40/03	74545	3	40/02;18,32/03
71006	5	39/02;23/03	71460	1	41/02;23/03	74181	8	33,35,37,38,39,47/02;10,34/03	74550	4	5,32/03
71009	3	39,46,48/02;1,6,7/03	71470	2	38/02;14/03	74182	12	33,35,37,38,39,41,42,44,51/02;6,10,17,25,34,38,39,40,41,42,49/03	74555	3	34,43,44,48,51/02;5/03
71012	3	33,39,46/02;1/03	72000	8	35,47,50/02;2,20,21,23,24,27/03	74183	11	38,39,42/02;4,6,17,25,38/03	74560	10	40,43,46,48,50/02;4,5,18,31,32/03
71015	4	23/03	72007	10	36,38,47,51/02;2,5,7,11,27,50/03	74184	10	33,35,37,38,46,48/02;17,34/03	74561	2	5/03
71018	10	33,35,37/02;7,12,13,15,21,25,26,27/03	72014	10	46/02;7,19/03	74190	7	35,36,37,46/02;1,16,31,34,39/03	74581	9	34,36,40,41,43,45/02;27,31,39,48/03
71027	9	34,38,45,49/02;2,4,5,14,18,23,33/03	72021	8	36,38,47,50,51/02;7,20,23,27,50/03	74191	2	35,46,48/02;1,7,9,29/03			
71033	31	37,38,49/02;3,12,14,15,23/03	72028	7	34/02;22/03	74192	3	35,46/02;1,40/03			
71036	8	35,44/02;12,14,23,26/03	72035	8	8,21,27/03						
			72045	2	8,27/03						
			72050	4	23/03						
			72060	8	50/02						
			72070	4	2,9/03						
			72075	2	9/03						
			72080	7							

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 2/04

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
74582	9	40/02;17,20,27,31,39,48/03	76144	1	28/03	93025	5	45/02;45/03	94180	9	42,44,47,50,51/02;23,28,44/03
74583	15	34,40,43,44,48/02;38,48/03	76146	1	28,45/03	93030	6	45/02	94184	2	N51/02
74584	5	34,41,43,45/02;26,27,36,38,39,48/03	76147	1	28/03	93032	3	45/02;24/03	94187	3	14,23,36,45,46/03
74590	2	51/02	76150	6	35/02	93043	1	45/02	94188	2	44,46,47,51/02;8,28/03
74591	7	40/02;8,38/03	76160	4	28/03	93046	1	45/02;5/03	94201	1	51/02;24,28/03
74595	2	42/03	76161	10	40/02;47/03	93047	2	45,49/02;24/03	94203	10	41,42,44,46,47,52/02;10,11,24,41,42/03
75000	6	47/02;6,31/03	76162	1	18,28/03	93048	1	35,49/02;5,14,33/03	94206	3	41,42,44,47,52/02;11,19,44/03
75001	3	47/02;5,6,31,32/03	76170	7	28,52/03	93049	1	45/02;4/03	94207	5	N42,N44,N47,N52/02;N11,N19/03
75010	7	41,42,50/02	76180	1	28/03	93061	4	45/02	94208	6	N44/02
75025	9	36,39/02;2,4,8,25,27,36,38,39/03	81004	3	37*,43/03	93101	2	N34,N38/02;N2/03	94216	6	45/02;10,17,42,44,47/03;1/04
75035	18	36,39/02;2,6,26,27/03	81048	9	52/03*	93110	2	38,40,41/02;1,2/03	94217	4	6/03;2/04
75051	6	5/03	81054	14	52/03*	93115	2	40,41/02	94218	3	36/02;6,18/03;2/04
75110	2	50/02	81060	2	43/03	93117	2	40,41/02	94219	1	47/02;46/03
75120	2	42/02	81063	5	47/03	93160	4	34/02;1,14,24,47/03	94220	4	41,42,47,49/02;8,10,11,17,18,33,42,44,47/03
75130	16	34,41,50,51/02;5,7,8,16,19,25,26,37/03	81067	6	46/03*	93180	7	34/02;47/03	94260	5	49/02;1,6,11,31/03
75131	7	17,39/03	81076	10	41*,44/03	93220	6	34/02;47/03	94280	5	51/02;15,32/03
75132	11	17,19,25,29,32,35/03	81092	3	38*,50/02;32/03	93240	11	34/02;16,24,47/03	94281	6	6,42/03
75134	3	33,51/02;5,19,29,37,45/03	81711	6	31/03;1/04	93241	9	8,16,25/03	94282	9	46/02;8/03
75142	5	36,42,50/02;35/03	81715	4	31/03;1/04	93243	6	42/02	94283	7	46/02;2,8,12,32/03
75143	4	33,36,38,42,50/02	82005	5	17/03	93244	7	16/03	94290	2	1,7,31/03
75144	3	33,36,42,51/02;4,10,18,25,30,38/03	82010	6	17,39/03	93245	6	16,24/03	94322	14	8,47/03
75150	5	50/02;16,19,26/03	82015	13	39/03	93260	8	7,18,47/03	94360	6	43/02;6,13/03;2/04
75160	6	17,18,19,25,32/03	82020	7	39/03	93261	5	7,47/03	94361	13	13,15/03;2/04
75170	12	38,39/02;8,25,38/03	82192	6	43/03	93280	4	18/03	94363	4	43/02;16,18,29/03
75171	22	33,36,38,40,42,48,52/02;1,6,16,26,35,38,40,44/03	82200	2	17,41/03	93360	5	38/02	94380	4	N5,N6,N18/03
75172	5	39/02;49/03	82210	2	42,48/02	93520	13	45/02;15/03	94384	3	5/03
75173	9	33,36/02;1,6,20,26,35,38,40/03	82215	2	41/03	93610	3	44,45/02;6/03	94420	3	39/02;4,8,11,13,14,23,42,44,47/03;2/04
75175	9	33,38,40,45,50/02;6,18/03	82242	1	35,48,50/02	93650	2	44/02;6,24,28,49/03;2/04	94421	10	45/02;4/03
75176	9	42,50/02;25,26,32,40,44/03	82244	5	35,42,48/02;20,39/03	93652	2	3,6,24,49/03;2/04	94423	12	45/02;11/03
75177	7	38,48,50,52/02;6,26,38/03	82253	7	35,48,50/02;20,39/03	93680	3	45,47/02;24/03	94440	2	46/02;18/03
75180	2	8,25,38/03	82280	N39/03		93690	2	44/02;6,45/03	95016	8	40/02
75185	2	47/02;8,36/03	82646	2	33/02	93698	3	45/02;28/03	95040	8	40/02;11/03
75190	2	47/02;25,36/03	82649	5	33/02	93710	3	6,15,43,52/03	95041	7	23,50/03
75191	6	37,38,43,47/02;8,19,30,34,36,38/03	82683	4	33/02;17/03	93720	10	39,45,50/02;8,15,17,20,24,28,42,43,44,48,49/03	95060	13	40,43,44,47,48,52/02;1,6,11,14,17,19,21,23,29,31,33/03
75193	6	49/02;1,5,7,10,16,19,35/03	82684	3	33,38/02;7/03	93721	5	39,42,45,50/02;4,11,17,20,23,25,40,41,43,44,45,46,48,49,50,52/03;1/04	95065	5	48/02;10,31/03
75207	2	36,52/02;4,16,33,37,43,49/03	82689	3	38/02;17/03	93725	6	45/02;24,49/03	95066	11	41,43,44,47,48,49,50/02;1,5,6,17,19,21,23,25,27,31,32,33,37/03
75208	2	50/02;30,33/03	82694	6	38/02;17/03	93726	4	48/02;8,12,17,45,50/03	95067	13	41,44,46/02;1,5,10,17,23,28,37/03
75213	2	36,52/02;33,38/03	83010	6	6/03	93727	6	45/02;24,49/03	95068	1	41,42,45,47/02;12,14,17,25,28,29,37/03
75215	2	36,39,40,52/02;7,33,38/03	83020	8	24/03	93730	3	39,40,42,45,47,50/02;2,4,17,24,28,31,41,42,43,46,47,48,49/03	95080	13	33,40,44,45,50,52/02;1,6,7,9,10,14,17,19,21,24,25,27,28,30,31,32,48,52/03
75220	12	36,39,49/02;4,20,26,39/03	83025	1	12,45/03	93733	13	39,45/02;4,19,20,25,40,41,44,45,47,48,52/03;1/04	95082	9	33,44,46/02;1,4,7,11,17,25,27,28,30,52/03
75222	8	35,40/02;1/04	83026	32	41/02;6/03	93734	12	51/03*	95083	8	33/02;1,4,19,28/03
75240	4	36,39/02;2,4,27,39/03	83039	11	41/02;6/03	93736	22	41/02;4,20,25,40,41,45,46,50/03;1/04	95084	7	50,52/02;8,12,17/03
75241	6	34,36/02;26,35/03	83251	2	2,12/03	93778	8	47/02;7/03	95085	4	45,52/02;1,6,11,12,27,33/03
75251	5	33,48/02;3,19,37,40/03	83252	8	2,12/03	94004	6	33,37,44,52/02;8,9,10,12,17,18,42/03	95086	5	45,52/02;1,6,8,11,12,23,27,31,33/03
75261	6	33,36,48/02;3,6,26,31,38/03;1/04	83253	2	12/03	94016	2	33,35,52/02;3,9,10,14,17,21,33,47/03	95100	12	38,39,43,44,45,46,47,50,52/02;1,4,6,7,8,9,10,17,23,25,27,28,29,31,37/03
75262	6	38/02;16/03;1/04	83397	6	1/03	94028	7	40,42,52/02;1,6,7,8,9,11,14,17,21,24,27,31,33,40,51,52/03;1/04	95101	8	39,44,50/02;1,5,6,9,14,17,28,31/03
75263	9	5,26,31/03;1/04	83425	6	35/02	94033	5	19,21,23,29,42,44/03;2/04	95102	8	38,42,45,46,47,48,50,52/02;1,4,5,8,13,14,17,23,25,27/03;1/04
75264	17	33,34,37,41,42,44,45/02;2,27,32/03;1/04	83473	7	37/03	94040	13	37,47,51/02;6,8,10,17,18,28,31,43,51/03	95103	8	42,43,45,47,52/02;4,6,7,10,12,19,27,28,31/03
75265	2	6,20,31,32,38,40/03	83484	10	23,42/03	94042	9	47,51/02;7,18,24,43,45/03	95120	7	42,43,52/02;1,4,14,21,26/03
76015	1	35,40/02;28,45,52/03	83574	2	7/03	94061	5	33,35,47/02;23,41,42,52/03	95138	8	45,46,48,49,50,52/02;8,16,17,19,23,24,25,27,28,30,35,36/03
76030	9	49/02;52/03	83580	2	8,45/03	94063	4	33,41/02;8,18/03	95140	15	38,40,41,44,48,49,52/02;1,7,8,9,10,17,21,24,25,27,29,33,35,37,51,52/03
76040	8	47/03	83590	1	45/03	94067	10	33/02;10,11/03	95141	8	45,47,50,52/02;1,6,7,8,17,19,21,23,25,29,37,51/03
76050	8	49/02;18,28,52/03	91005	6	45/02;19,42/03	94080	7	33,44,48/02;10,19,22,32,51/03	95142	9	50,52/02;8,10,19,23,29/03
76052	8	4,5,28/03	91008	1	44,48/02;8,10,12/03	94082	8	44/02;8,19,22,51/03			
76054	5	49/02;52/03	91010	6	48/02;10,12/03	94083	12	44/02			
76056	3	9,37/03	91020	5	19,46/03	94120	6	33,38,48,52/02;9,10,17,18,21/03			
76060	7	40/02;52/03	91025	8	46/03	94122	7	40/02;35/03			
76061	3	40/02;9,52/03	91030	3	42/03	94123	9	33,38,42,44,52/02;9,10,15,17,18,28/03			
76070	9	35/02;28,45,47,51/03	91170	2	38,41,44/02	94124	13	38,42,44/02;10,15,17,25,28/03			
76071	9	35/02;28/03	91280	7	19,43,46/03	94127	2	33,38/02;6,9,13,16,18/03			
76080	8	1,18,47/03	91289	19	43/03	94160	7	33,38,44,46,47,50,51,52/02;9,10,12,16,17,18,19,28,31,41,42/03			
76081	7	28,37/03	91294	8	19/03	94164	2	46,50,51/02;12,16,19,41,42,43/03			
76083	3	1,37/03	91297	9	19/03	94165	4	50/02;18,24,43/03			
76120	6	45/03	91300	3	46/03						
76121	8	47/03	91331	3	42/03						
76140	7	46/02	91340	3	42/03						
76141	8	46/02;28,37,45,52/03	92006	5	45,46/02;5/03						
76142	1	46/02;37,45/03	92025	3	42/03						
			92030	4	42/03						
			92033	5	45/02						
			92150	3	43/03						
			92160	3	43/03						
			92170	3	43/03						
			92290	2	19/03						
			92296	3	19/03						
			92410	3	42/03						
			92450	3	42/03						
			92560	4	45/02						

SECTION I

NM 2/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 2/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
95143	11	40,45,47,48,49,50/02;1,5,6,7,8,9,10,11,12,13,16,17,19,23,24,25,27,28,30,36/03	96400	4	12/03	97163	14	14,36/03	97273	11	34*/52/03;1/04
			96441	1	41/02;10,50/03	97164	1	7,14,16,52/03	97274	19	34,39,45/02;6,9,15,17,18,23,37,47,52/03
			96480	3	41/02;51/03	97165	1	7,16,52/03	97275	3	52/03*
95144	9	38,41,46,48,50,52/02;1,6,8,9,10,11,13,16,21,23,24,35,37/03	96500	6	41/02;10,39/03	97166	1	33/02;21,46/03	97276	2	50/03*
			96520	7	10/03	97167	2	33/02;21/03	97277	11	1,5,6,8,9,14,35,39/03;1/04
			96521	3	21/03	97180	6	34,39,43,45,46,48/02;4,8,13,20,22,26,44/03	97278	11	39/02;1,20,35,39,49/03
95146	14	36,38,39,40,41,44,46,47,48,50,52/02;1,8,9,16,21,23,24,31,32,35,37,48/03	96540	5	10/03	97181	20	34,46,48/02;1,4,7,8,12,13,14,17,18,20,22,23,26,27,35,44,46/03;1/04	97279	9	9,27/03
			96560	5	10,51/03	97182	13	34,39,46,48/02;1,4,5,6,7,8,12,14,17,18,20,21,22,23,27,35,46/03;1/04	97280	4	52/02
			96580	3	10/03	97183	9	44/02;5,9,14,16,18,22,26,43,44/03	97281	3	50/03*
95147	13	39,41,44,45,46,47,48,49/02;1,5,9,19,23,25,28,29,31,32,35,36/03	96620	3	38/03	97184	15	47/02;1,7,12,14,18,22,39,44/03	97282	3	45/02;9,13
			96621	5	10,38/03	97185	2	43/02;1,7,46/03	97283	6	34,42/02;7,13,17,36/03
			96660	4	36/03	97187	3	44,48/02;9,18/03;2/04	97284	6	34,35,36,41,42/02;6,8,10,13,17,35,36,38/03
95149	9	34,36,37,38,41,43,48,49,52/02;8,9,19,24,25,27,30,32,35,52/03	96760	4	35,45/02	97188	3	50/03*	97300	6	1,13,25,26/03
			96762	4	50/03*	97189	2	44/02;9,14,18,22,39,43/03	97303	3	47,48/02;45/03
			96763	7	43,48/02;9,17,32,37,45/03	97190	2	34,39,52/02;8,13/03	97320	6	33/02;14,25,46/03
95151	17	34,36,37,38,40,47,50/02;1,5,19,23,28,29,30,37/03	96764	3	34/03*	97192	9	52/02;8,16,17,22,25,26,29/03	97340	8	33,38,52/02;16,17,18,22,36,46,47/03
			96800	4	41/02	97201	7	18,28/03	97341	9	34/02;16,21,47/03
95152	5	37,38/02;6,9,19,28,30,31,32,35/03	96901	3	7/03	97202	15	43,44,52/02;20,25/03	97342	14	38/02;17,18,22,27,43/03
			96902	2	45/02	97203	9	45,52/02;4,6,10,19,20,25,33,43,45,47/03	97343	12	38/02;17,25/03
95153	2	34,36,37,38,43/02;19,25,32/03	96904	3	34/03*	97204	9	45,52/02;4,6,10,19,20,25,33,43,45,47/03	97345	2	50/03
			96910	1	10/03	97205	3	18,28/03	97360	6	38/02;5,7,13,18,27,43,45,47/03
95160	13	41,42,47,52/02;1,6,8,9,11,17,19,21,24,25,27,33,36,40/03;1/04	96937	2	40/02	97206	3	50/03*	97381	7	7,13,27,43,45/03
			96938	4	4/03	97208	3	41/02;6,33/03	97382	2	41,45/02;4,42/03
95161	16	40,45,48,50/02;1,5,6,8,9,10,17,19,23,25,27,30,37/03	96939	3	4,7,9,22/03	97218	3	41/02;6,33/03	97383	16	5,7,13,42,46,47/03
			96941	8	47/02;47/03	97219	4	6,9,13,20,23,25,47/03	97384	4	47/02;19/03
			96943	15	44/02;1,9,10,12,20,22,23,33,42/03	97220	3	37,39,42,43,44/02;6,8,9,17,18,23,29,33,46,49/03	97385	10	52/02;5,6,7,9,46,47/03
95162	2	40,44,47/02;10,14,19,30,35/03	96944	6	45,52/02;6,13,20/03	97221	20	37,39,42,44,45,49,52/02;6,8,9,10,13,17,18,19,20,22,23,25,26,29,33,46/03	97387	2	4,5,7,42,46/03
			96945	3	43,52/02;20,22,23,42/03	97222	12	47/02;10,22,29/03	97389	5	39,40/02;2,5,12,16,36/03
95163	2	1,6,9,10,13,14,17,21/03	96947	15	6,12,13/03	97223	3	42,44,48/02;16,17,22,23,46/03	97391	26	6,7,12,16/03
95164	4	43,48/02;1,6,9,27/03	96948	8	21,22/03	97224	6	46,47,49/02;45/03	97392	5	1,21,23,26,33,38/03
95167	10	44/02;1,6,9,11,14,17,21/03	96949	21	45/02;22/03	97225	31	37,39,42,44,45/02;6,8,9,10,17,18,19,23,25,33,45,46,49/03	97396	14	36,39,40/02;2,16,17,23,33,38/03;2/04
			96960	3	7,47/03	97226	7	18,41/03	97397	7	39,49/02;16,26,44,49/03
95169	2	44,50,52/02;11,16,23/03	96962	4	35/02;1,9,22,33/03	97227	11	42,43/02;9,18,30,34/03	97398	4	43/03*
95171	1	1,6,9,21,37/03	97000	3	17,40/03	97228	15	39,40,42,43/02;5,6,9,15,17,18,20,21,22,27,29,35,49,52/03	97400	4	34*,44,49/03
95172	1	1,9,21,32/03	97005	9	47/03	97229	12	36,39,47/02;6,8,9,18,28,33/03	97410	9	50/03*;2/04
95173	1	50,52/02;1,28/03	97021	7	40/03	97230	18	36,52/02;6,9,28,33/03	97412	7	40/02;47/03
95174	1	50,52/02;12,27/03	97029	3	40/03	97231	11	41/02;6,23,33/03	97420	17	34,39,42,47,52/02;1,8,10,33,38,40,45/03;1/04
95176	2	8,11,30,35/03	97040	5	43,47/02	97232	8	22,25,33/03	97440	8	52/02;1,16,19,27,43,47/03
95177	1	41,50/02;9/03	97041	9	45,47/02;10,12,22/03	97233	11	33,43,44,49/02;1,5,6,9,15,16,23,33,35/03;2/04	97441	5	46/02;47/03
95180	11	40,42,44,49/02;1,6,9,10,21,23/03	97042	7	14,20/03	97234	17	43,47,49/02;1,6,8,9,16,41/03	97443	6	15,19,25,47/03
			97043	2	14,20/03	97235	20	47/02;9,16,23,35,41/03	97460	7	40/02;5,19,21,47/03
95185	2	40,44,49/02;10,35/03	97060	8	46/02;12,14,22,26/03	97237	6	41/03	97461	9	5,8,19,21,22,23,26/03
95200	6	23/03	97061	3	52/02	97239	10	33/02;1,5,9,16,23/03	97465	9	1,6,8,19,20,22,33,37/03
95250	4	44/02;1,6,16,20,22,36/03	97062	12	44/02;6,10,22,26,34,35/03	97241	6	10/03;1/04	97466	2	46/02;1,23,27/03
95255	2	44/02;1,7,13/03	97063	2	48/03*	97243	8	33,48/02;1,5,6,21,27,33/03	97469	10	1,6,8,19,20,22,33,37/03
95258	3	6,16,18/03	97064	2	6,14,33,45/03	97244	5	9/03	97471	5	N22,N33/03
95261	7	48/02;1,5,9,16,23,28,36,47/03	97065	2	48/03*	97245	11	36/02;1,5,9,29/03	97472	8	34/02;33/03
95262	13	41,46/02;1,6,9,27,36/03	97080	5	16,22,26/03	97246	7	43,52/02;5/03	97474	7	22/03
95264	8	48/02;25/03	97082	5	46/02;16,34/03	97247	16	40,41/02;1,5,6,8,10,13,18,26,27,42/03	97480	7	35,52/02;3,9,10,17,18,21/03
95267	5	13,20,23,26,36,49/03	97083	3	29,34,35/03	97250	11	45/02;8,13,18,27/03	97481	6	47,49/02;9,18,20/03
95268	16	39,48/02;6,9,13/03	97100	4	42,47/02;16,17,26,49/03	97251	4	6,10,17,36,52/03	97483	7	48,52/02;20/03
95270	4	48/02;9,10,13,20,21,22,23,26,36,52/03	97101	2	50/03*	97261	15	41/02;1,5,7,18,21,26,44/03;1/04	97521	6	42/02;16,18,20/03
			97104	4	7,41/03	97262	10	34/02;1,5,6,7,15,21,26,33,46/03;2/04	97564	3	16/03
95271	4	44,48/02;9,10,12,13,20,26,36/03	97105	3	41/03	97263	10	5,7,9,15,18,21,46/03;2/04	800669	8	N1/04
			97108	6	37,40,42,43/02;9,14,16,17,25,40,44,45,49/03	97266	5	37,41/02;1,5,6,7,14,15,18,26,42/03;1,2/04	800744	1	N49/02;N5,N12,N13,N16,N36,N47,N50/03
95273	2	48/02	97140	17	33,37,39,43,45/02;7,9,14,16,25,40,44,45,46,49,52/03	97267	16	40,41/02;1,5,6,8,10,13,18,26,27,42/03	801217	1	N6,N8,N19,N20,N22,N33,N37/03
95274	3	48/02;23,28,36,43/03	97141	5	40,46/02;8,13,20/03	97268	10	6/03	801885	3	N34/03
95276	4	1/04*	97143	11	43,45/02;9,13,20,25,26,44,49/03	97269	11	45/02;8,13,18,27/03	801902	9	N25,N31/03
95280	9	48/02;8,20,26,52/03	97144	14	44*,46/02;7,8,9,13,20,39,44,49/03	97270	6	36,44/02;1,5/03	801953	1	N39,N52/03
95281	15	7,10,14,36,45/03	97145	1	43/02;8,9,25,40,45,47/03	97271	12	37,39/02;6,10,12,26,35,41,44/03	802202	8	N35/02;N1,N7/03
95282	7	46,52/02;4,6,9,19,20,22,23/03	97155	14	35,36,37,39,40,48/02;12,13,18,20,28/03	97272	11	52/02;6,10,12,14,23,37,47/03;1/04	802260	5	N1/04
			97152	9	1/04*				804059	2	N43/03
95285	3	18,20/03	97153	8	52/03*				804567	4	N31/03
95300	5	45,48,52/02;44/03;2/04	97154	2	36/02				805118	3	N12,N36/03
95320	15	35,38/02;20,21,26,33,40/03	97155	14	35,36,37,39,40,48/02;12,13,18,20,28/03				805647	2	N37,N51/02;N30/03
95341	8	42,47/02;1,10,40,44/03	97156	6	37/02;1,14/03				806927	8	N25,N30,N39/03
95342	16	9,13,16,20/03	97157	2	40/03*;1/04						
96004	14	44,45/02	97158	5	50/03*						
96016	7	51/03	97159	6	33,39/02;7,14,16,44,46,52/03						
96020	4	41/02									
96028	5	51/03									
96032	3	38/02;34,51/03									
96036	2	36/03									
96039	7	23,44/03									
96041	11	39,44,45/03									

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 33/02 THROUGH NM 2/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.		
807370	5	N17,N25,N30,N31, N39/03		
807861	2	N22/03		
808365	2	N14/03		
809055	7	N16/03		
809310	9	N39/02		
809679	2	N50/02;N12,N27/03		

SECTION II

NM 2/04

NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.			Edition		Price Category	Page(s)	NTM
NGA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date			
REGION 1							
11XHA11374 (7642014010235)	Dauphin Island to Dog Keys Pass	40,000	<u>32</u>	<u>10/03</u>	NOS	1-94	2/04
	Extension: Pascagoula River (Not shown on index)	40,000					
11AHA11384 (7642014010139)	Pensacola Bay Entrance	10,000	<u>34</u>	<u>10/03</u>	NOS	1-94	2/04
11AHA11391 (7642014010137)	St. Andrew Bay	25,000	<u>23</u>	<u>10/03</u>	NOS	1-94	2/04
11AHA11503 (7642014010157)	St Marys Entrance-Cumberland Sound and Kings Bay	25,000	<u>40</u>	<u>10/03</u>	NOS	1-94	2/04
14XHA14850 (7642014010669)	Lake St. Clair (LORAN-C)	60,000	<u>52</u>	<u>10/03</u>	NOS	1-96	2/04
18BHA18434 (7642014011567)	San Juan Channel	25,000	<u>5</u>	<u>10/03</u>	NOS	1-98	2/04
REGION 2							
25AHA25670 (7642014012038)	Bahia de San Juan	10,000	<u>42</u>	<u>10/03</u>	NOS	2-63	2/04

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
D	10.75	F	9.00	H	2.50	R	2.50

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GPO Government Printing Office
NOS National Ocean Service
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PUB 160 (Continued)

vessels and boats, all of which are equipped with VHF radios, with some equipped with HF radios, are controlled by NSRI through its shore-based transmitters.

(BA NP 285; SAN Annual Notice No. 15 of 2004) 2/04

Page 193—Line 7/L; insert after:

Search and Rescue **194**
(NGA) 2/04

Page 194—Line 4/R; insert after:

Search and Rescue

The Ministry of Transport is responsible for coordinating search and rescue operations. Port Sudan Coast Radio Station maintains a continuous listening watch for distress calls on 2182 kHz and VHF channel 16.

(BA NP 285) 2/04

PUB 172 9 Ed 2001 LAST NM 1/04

Page 252—Line 20/R; insert after:

Recent surveys (2003) in the approaches to Umm Qasr have shown that the dredged channels have silted up considerably, especially along their sides.

(50(5431(P))03 Taunton) 2/04

Page 252—Line 35/R; insert after:

Caution.—Recent surveys (2003) in the approaches to Khawr al Zubair have shown that the dredged channels have silted up considerably, especially along their sides.

(50(5431(P))03 Taunton) 2/04

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1670 36785	- SOUTH JETTY LIGHT 10	38 57 58 N 74 58 02 W	FIR 4s	30	6	TR-SY on skeleton tower.	
		*					2/04
18070	Quantico Marine Barracks Fog Signal						<i>Remove from list.</i>
							* 2/04
19455	Saunders Point Warning Daybeacon 10 yards, 140° from wreck.	38 52 55 N 76 28 55 W				NW on pile worded DANGER WRECK.	
						*	2/04
31990	- CHANNEL LIGHT 2SP		FIR 4s	15	5	TR on pile.	
			*				2/04
31995	- CHANNEL LIGHT 3		FIG 4s	15	4	SG on pile.	
						*	2/04
	*Add Heading: *Stumpy Point Harbor						
32015	- CHANNEL LIGHT 1	35 41 20 N 75 44 29 W	FIG 4s	15	4	SG on pile.	
	*	*				*	2/04
	*Add Heading: *Stumpy Point						
32020	- CHANNEL LIGHT 7		FIG 4s	15	4	SG on pile.	Light equipment removed when endangered by ice.
							2/04
32755	- LIGHT 3		FIG 2.5s	15	3	SG on pile.	
						*	2/04
33400 38245	- LIGHT 1	35 09 48 N 76 32 01 W	FIG 4s	15	4	SG-TY on pile.	
						*	2/04
33665	- Wreck Daybeacon WR3 30 yards, 270° from submerged wreck.	34 58 52 N 76 34 59 W				SG on multi-pile structure.	Least depth over wreck is 5 feet at mean low water. U.S. Army maintained.
		*					2/04
34990	- LIGHT 3	40 03 34 N 74 03 07 W	FIG 4s	17	4	SG-SY on pile.	
				*	*		2/04
35040	- LIGHT 19	40 01 15 N 74 04 09 W	FIG 4s	15	4	SG-SY on pile.	
						*	2/04

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Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
35125	- LIGHT 40	39 51 42 N 74 07 21 W	F I R 2.5s	17	3	TR-TY on multi-pile structure.	Maintained year round.
					*		2/04
Cape May Canal West Entrance							
36785 1670	- SOUTH JETTY LIGHT 10	38 57 58 N 74 58 02 W	F I R 4s	30	6	TR-SY on skeleton tower.	
		*				*	2/04
Bay River							
38245 33400	- LIGHT 1	35 09 48 N 76 32 01 W	F I G 4s	14	4	SG-TY on pile.	Higher intensity beam down channel.
					*		2/04
39025	- LIGHT 41	34 40 35 N 77 02 14 W	Q G	15	4	SG-SY on multi-pile structure.	
					*		2/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Delete Heading:							
*ST. HELENA SOUND AND SAVANNAH RIVER (Chart 11513)							
285	<i>Hunting Island Lighted Whistle Buoy 6HI</i>						<i>Remove from list.</i>
							* 2/04
*Add Heading:							
*ST. HELENA SOUND AND SAVANNAH RIVER (Chart 11513)							
290	Hunting Island Fish Haven Buoy	32 13 06 N 80 20 24 W				Yellow nun.	Private aid.
							2/04
*6185.5	- Lighted Buoy 20A		F I R 2.5s		3	Red.	2/04
*6185.7	- Lighted Buoy 21		Q G		3	Green.	2/04
*6226	<i>Brunswick Point Cut Lighted Buoy 28</i>		F I R 2.5s		3	Red.	2/04
*6227	<i>Brunswick Point Cut Lighted Buoy 29</i>		F I G 2.5s		3	Green.	2/04
*6228	<i>Brunswick Point Cut Lighted Buoy 30</i>		Q R		3	Red.	2/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2003							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1330	NOAA Lighted Buoy 42020	26 56 39 N 96 41 47 W	FI (4) Y 20s		3	Yellow disc buoy with mast.	Maintained by National Oceanic and Atmospheric Administration.
		*					2/04
Gulfport Yacht Basin Channel							
8785	- LIGHT 2	30 21 38 N 89 04 56 W	Q R	17	4	TR on dolphin.	Higher intensity beam up channel toward Biloxi Channel Entrance and down Gulfport Channel.
							2/04
9080	SQUARE HANDKERCHIEF SHOAL LIGHT 4	30 16 23 N 89 18 58 W	FI R 4s	17	4	TR on dolphin.	Ra ref.
		*					2/04
10495	DOOR POINT LIGHT 5	30 03 44 N 89 07 28 W	FI G 4s	30	5	SG on pile.	
		*					2/04
*15427	- Buoy 3A					Green can.	
							2/04
24096	- LIGHT 112 95 yards outside the channel limit.						Remove from list.
							*
							2/04
*24096.05	-Lighted Buoy 112	29 43 49 N 95 01 36 W	FI R 4s		4	Red.	
							2/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13050	- Light 46	46 12 32 N 119 04 45 W	FI R 6s		4	TR on pile.	Ra ref.
	*	*	*		*		2/04
13055	- Light 49	46 13 17 N 119 07 13 W	FI G 4s		4	SG on pile.	Ra ref.
	*	*	*		*		2/04
16405	Puget Sound Traffic Lane Separation Lighted Buoy SA	48 11 27 N 122 49 48 W	FI Y 2.5s		6	Yellow.	RACON: M (- -).
			*				2/04
16815	Puget Sound Traffic Lane Separation Lighted Buoy SG	47 39 41 N 122 27 52 W	FI Y 2.5s		6	Yellow.	RACON: N (- ·).
					*		2/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
16975	<i>Puget Sound Traffic Lane Separation Lighted Buoy TA</i>	47 26 52 N 122 24 16 W	FI Y 2.5s		6	Yellow.	
			*				2/04
San Juan Channel							
19585	Flat Point Light 2	48 33 11 N 122 55 17 W	FI R 2.5s	15	5	TR on pile.	
	*	*					2/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Add Heading: *Thunder Bay National Marine Sanctuary							
*11346	TBNMS Wreck Mooring Buoy	44 53 49 N 83 19 39 W	FI W 1s			Mooring buoy.	"Neelie Gardner" Private aid.
							2/04
*11347	TBNMS Wreck Mooring Buoy	44 59 02 N 83 16 01 W	FI W 1s			Mooring buoy.	"Montana (Stern)" Private aid.
							2/04
*11348	TBNMS Wreck Mooring Buoy	44 59 04 N 83 15 58 W	FI W 1s			Mooring buoy.	"Montana (Bow)" Private aid.
							2/04
*11349	TBNMS Wreck Mooring Buoy	45 00 33 N 83 18 11 W	FI W 1s			Mooring buoy.	"North Point" Private aid.
							2/04
*11350	TBNMS Wreck Mooring Buoy	45 00 58 N 83 18 14 W	FI W 1s			Mooring buoy	"Barge 1" Private aid.
							2/04
*11351	TBNMS Wreck Mooring Buoy	45 01 34 N 83 20 51 W	FI W 1s			Mooring buoy.	"Oscar T. Flint" Private aid.
							2/04
*11352	TBNMS Wreck Mooring Buoy	45 02 07 N 83 19 39 W	FI W 1s			Mooring buoy	"Scanlon's Barge" Private aid.
							2/04
*11353	TBNMS Wreck Mooring Buoy	45 03 46 N 83 23 34 W	FI W 1s			Mooring buoy.	"William P. Rend" Private aid.
							2/04
*11354	TBNMS Wreck Mooring Buoy	45 03 03 N 83 26 07 W	FI W 1s			Mooring buoy.	"Shamrock" Private aid.
							2/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	*Add Headings: *Harrisville *Thunder Bay National Marine Sanctuary						
*11451	TBNMS Wreck Mooring Buoy	44 58 06 N 83 12 00 W	FI W 1s			Mooring buoy.	"Grecian (Bow)" Private aid. 2/04
	*Add Headings: *East Alpena Channel *Thunder Bay National Marine Sanctuary						
*11453	TBNMS Wreck Mooring Buoy	44 58 35 N 83 13 17 W	FI W 1s			Mooring buoy.	"Carbide Barge" Private aid. 2/04
*11454	TBNMS Wreck Mooring Buoy	45 00 59 N 83 09 53 W	FI W 1s			Mooring buoy.	"E. B. Allen" Private aid. 2/04
*11456	TBNMS Wreck Mooring Buoy	45 02 36 N 83 14 23 W	FI W 1s			Mooring buoy.	"New Orleans" Private aid. 2/04
*11457	TBNMS Wreck Mooring Buoy	45 02 21 N 83 11 33 W	FI W 1s			Mooring buoy.	"TBI Reef" Private aid. 2/04
*11458	TBNMS Wreck Mooring Buoy	45 02 42 N 83 10 12 W	FI W 1s			Mooring buoy.	"William P. Thew" Private aid. 2/04
*11459	TBNMS Wreck Mooring Buoy	45 03 23 N 83 10 11 W	FI W 1s			Mooring buoy.	"Lucinda Van Valkenburg" Private aid. 2/04
*11461	TBNMS Wreck Mooring Buoy	45 08 13 N 83 09 32 W	FI W 1s			Mooring buoy.	"Nordmeer" Private aid. 2/04
*11462	TBNMS Wreck Mooring Buoy	45 10 05 N 83 13 04 W	FI W 1s			Mooring buoy.	"New Orleans" Private aid. 2/04
*11463	TBNMS Wreck Mooring Buoy	45 12 04 N 83 19 49 W	FI W 1s			Mooring buoy.	"Middle Island Sink Holes" Private aid. 2/04
17120	- Canoe Channel Daybeacon 8 Marks rock. *					Red nun.	 2/04
17285	- Lighted Buoy 12 *		FI R 4s			Red.	 2/04
17370	- Lighted Buoy 32 *		FI R 4s			Red.	 2/04

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SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VII LIGHT LIST, 2003

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17420	Surveyor's Island Light 43	48 31 06 N 92 37 42 W	FI G 4s				SG on skeleton tower.
	*		*				2/04

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Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 110, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*Add Heading:							
*LIVERPOOL BAY:							
*10235	-Coffin Island, S point.	44° 02.0' N 64° 37.7' W	Fl.W. period 4s fl. 0.5s, ec. 3.5s	61 18		White octagonal tower.	2/04
*Delete Heading:							
*LIVERPOOL BAY:							
10244 H 3740	-Western Head.	43° 59.4' N 64° 39.8' W	Fl.W. period 15s	56 17	14	White octagonal tower; 46.	Visible 180°-062°. Horn: 1 bl. ev. 60s. Horn points 104°. Emergency light. 2/04
20368 G 1404	-Cabo Espiritu Santo.	52° 39.5' S 68° 36.5' W	Fl.W. period 15s	230 70	23	White fiberglass tower, red band; 26.	Visible 154°-303°.
	-RACON		T(-) period 48s		18		* 2/04

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
1672 G 1690	-Rio Negro.	41° 58.2' S 72° 28.5' W	Fl.W. period 10s fl. 0.5s, ec. 9.5s	23 7	9	White fiberglass tower, red bands; 13.	Visible 280°-090°.
					*		2/04
2468 G 1424	-Cerro Cono.	52° 39.8' S 70° 23.5' W	Fl.(3)W. period 9s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 1.7s fl. 0.3s, ec. 4.7s	161 49	7	White fiberglass tower, red band; 33.	Visible 262°-064°.
				*			2/04

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2104 F 7323.5	-Akanada Hana.	36° 02.3' N 132° 59.9' E	Fl.W. period 4s	72 22	7		
		*	*		*	*	2/04
2252 F 7289.1	Natsudomari Ko, breakwater.	35° 31.8' N 134° 00.0' E	Fl.G. period 3s	52 16	8	White tower; 28.	
		*			*		2/04
8724 F 5462	Kuru Sima.	34° 06.4' N 132° 59.0' E	Fl.R. period 3s	43 13	7	STARBOARD (B) R, beacon, daymark; 33.	
		*	*	*			2/04

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Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
8728 <i>F 5463</i>	Ama Se.	34° 06.7' N 132° 58.9' E	FL.R. period 3s	32 10	7	STARBOARD (B) R, beacon, daymark; 33.	2/04
		*	*				

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
2054 <i>D 1559.6</i>	-Range, front.						<i>Remove from list.</i>
							* 2/04
2054.1 <i>D 1559.61</i>	-Rear, 36 meters 274°30' from front.						<i>Remove from list.</i>
							* 2/04
2056 <i>D 1559.8</i>	-Comba, Martires Anchorage, E. side.						<i>Remove from list.</i>
							* 2/04
*20565 <i>E 5844.8</i>	Kalkan Limani, S. breakwater.	36° 15.7' N 29° 24.9' E	FL.R. period 5s fl. 1s, ec. 4s	33 10	5	Concrete tower; 22.	2/04
*20566	-Entrance, W. side.	36° 15.8' N 29° 24.9' E	FL.G. period 5s fl. 1s, ec. 4s	33 10	5		2/04

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
5584 <i>C 2428</i>	-E. Range, front.	55° 22.0' N 13° 09.2' E	Oc.Y. period 4s	39 12	15	Gray framework structure, white triangular daymark, black band. Floodlit.	2/04
		*				*	
5588 <i>C 2428.1</i>	-Rear, 540 meters 013°54' from front.	55° 22.3' N 13° 09.3' E	Oc.Y. period 4s	71 22	15	Red and white framework mast, white triangular daymark, point down. Floodlit.	2/04
	*	*				*	
5604 <i>C 2445</i>	Kullagrund.	55° 17.9' N 13° 19.3' E	Iso.W.R.G. period 4s	60 18	W. 16 R. 13 G. 12	Red tower, black band, white lantern on gray base; 61. Floodlit.	R. 181°-244°, G.-271°, W.-105°, R.-120°, G.-181°.
	RACON		K(- · -) period 30s		14		2/04
		*				*	*

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 116, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
12944 <i>C 3888</i>	Moldova.	59° 25.9' N 27° 03.3' E	F.I.W. period 3s fl. 1s, ec. 2s	278 85	15	White metal framework tower, black band; 92.	
	*				*		2/04
12956 <i>C 3894</i>	-Narva entrance.	59° 28.0' N 28° 03.0' E	L.F.I.(2)W. period 12s fl. 1.5s, ec. 1.5s fl. 3s, ec. 6s	112 34	17	White round stone tower, black lantern, red bands; 98.	
			*	*		*	2/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

NM 2/04

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 2/04

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
NGA HYDRO CATALOG C ATP2V01U			SDPUB123	2001	45*,47,48/01;1,14,17,18,19/02;24,25,27,28,32,38,42/03	SDPUB193	2000	27*,38,49/00;9,26,27,31,32/01;14,15,26,52/02;18,19,20,23,29/03
Region 1	2002	1*,2,3,4,7,8,9,10,11,14,15,17,19,20,21,22,23,24,25,26,27,28,29,30,31,32,35,36,37,38,39,40,41,42,43,44,45,46,47,48,50,51,52/03;1,2/04	SDPUB124	2001	18*,44,45,47,48,49,52/01;17,19,20,21,29,30,31,34,46,50/02;24,25,27,28,29,30,32,35,36,37,39,44,48/03	SDPUB195	2002	33*,40,49,51,52/02;1,2,3,15,16,21,32,33,41,43,46,49/03;1/04
Region 2	2002	1*,8,15,17,20,21,22,23,24,26,28,30,32,33,34,44,48,52/03;2/04	SDPUB126	2002	39*,41,42,43,44,45,48/02;24,26,27,28,30,32,41/03	SDPUB200	2002	38*,39,42/02;22,27,34,41,51,52/03
Region 3	2002	1/03*	SDPUB132	2000	39*,45/00;16,17,31,35/01;1,12,21,25,26/02;2,10/03	USCG LIGHT LIST VOLUMES I - VII		
Region 4	2002	1*,23,43/03	SDPUB140	2001	21*,48,49,51/01;8,17,23,32,42,43,44,46,47,48,50/02;4,6,7,8,9,11,12,15,19,21,22,23,24,25,26,31,32,34,37,42,43/03	COMDTM165021	2003	17*,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,36,37,38,39,40,41,42,43,44,45,48,50,52/03
Region 5	2002	1*,3,5,8,22,27,30,33,38,48/03;1/04	SDPUB141	2001	21*,38/01	COMDTM165022	2003	17*,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52/03;1,2/04
Region 6	2002	1*,10,11,13,16,19,20,21,25,28,30,33,38,50/03	SDPUB142	2000	49/00*;3,31,35/01;1,15,43/02	COMDTM165023	2003	17*,18,19,20,21,23,24,25,26,28,29,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52/03;1,2/04
Region 7	2002	1*,11,15,28/03	SDPUB147	2001	35/01*;21,22,23,24/02;39,40,41,46,50/03	COMDTM165024	2003	18*,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52/03;1,2/04
Region 8	2002	1*,14,37,41,46,52/03	SDPUB148	2001	48/01*;23,24/02;22,42,43,45,48,50,52/03	COMDTM165025	2002	16/02*
Region 9	2002	1*,34,40,43,45,48,50,51,52/03;1/04	SDPUB153	2000	6/01*;28,30,41,44,46,47,48,52/02;1,3,4,8,13,15,22,25,32,35,37,38,39,40,43/03	COMDTM165026	2003	18*,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52/03;1,2/04
Miscellaneous Charts and Publications	2002	1*,2,4,5,6,7,9,11,12,13,15,17,18,19,20,21,23,24,25,27,28,29,30,31,32,33,34,36,37,38,39,41,42,43,45,46,47,48,49,51,52/03;1/04	SDPUB154	2002	17*,19,31,42,44,45,46,48,50/02;3,14,19,23,30,41,42,47/03	COMDTM165027	2003	18*,20,21,22,23,24,26,27,28,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,52/03;1,2/04
NGA LIST OF LIGHTS			SDPUB155	2001	31*,48/01;10,45,46/02	FLEET GUIDES		
LLPUB110	2003	7*,8,9,11,13,14,15,16,17,18,20,21,23,24,25,26,27,28,29,31,32,33,34,36,37,38,39,41,42,43,44,47,49,50,52/03;1,2/04	SDPUB159	2002	42*,48/02	FGPUB940ATL	2001	N47/01*
LLPUB111	2003	33*,34,35,36,37,38,39,40,41,43,45,47,49,50,51,52/03;1/04	SDPUB160	2002	47*,48,49,52/02;6,8,10,11,19,21,22,23,30,33,36,39,41,43,48,49,51/03;1,2/04	FGPUB941PAC	2001	N22/01*
LLPUB112	2003	4*,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,50,51,52/03;1,2/04	SDPUB161	2002	23*,24,44,47,48/02;5,12/03	NOS MISCELLANEOUS PUBLICATIONS		
LLPUB113	2003	46*,48,49,50,51,52/03;1,2/04	SDPUB162	2001	51/01*;5,12/03	NOSPBCATALOG1	2000	20/00*
LLPUB114	2003	17*,19,21,22,23,24,27,31,32,40,43,44,46/03	SDPUB163	2002	18*,20,21,26,46,51/02;13,24,26,27,28,29,30,31,39,40,41,43,47,48/03	NOSPBCATALOG2	2000	34/00*
LLPUB115	2003	42*,44,46,47,48,49,51,52/03;1/04	SDPUB164	2000	30/00*;31,35,36/01;8,28/03	NOSPBCATALOG3	2000	28/00*
LLPUB116	2003	24*,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,47,48,49,50,51/03;1,2/04	SDPUB171	2001	40*,47,48,52/01;5,9,14,16,41/02;23,24,26,41/03	NOSPBCATALOG4	2000	34/00*
SAILING DIRECTIONS			SDPUB172	2001	1*,2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1,11,12,13,14,15,19,20,22,23,25,26,27,28,29,31,32,33,34,35,37,38,39,40,43,44,45,46,47,48,51/03;1,2/04	ALMANACS		
CDPUBSD125	2003	19*,43,49,51,52/03	SDPUB173	2002	50*,51/02;3,22,24,25,26,27,32,33,34,37,38,49,50,51/03	AIRALMANAC401	2004	29/03*
CDPUBSD127	2003	39/03*	SDPUB174	2000	7*,19,37,45,51,52/01;1,5,14,19,22,28,33,37,38,48/02;30,39,40,41,43/03	NAUTALMANAC04	2004	29/03*
CDPUBSD131	2002	9/03*	SDPUB175	2001	41*,43,45,51/01;8,11,12,13,14,16,17,21,27,37,41,49/02;26,27,29,32,37,38,43,47/03	COAST PILOT		
CDPUBSD143	2003	46/03*	SDPUB180	2002	32*,33,42,47,48,50/02;6,13,14,17,21,24,42,44,47,48,49,51/03	NOSPBCP1	33	27*,28,29,32,33,34,39,42,46,48/03;1/04
CDPUBSD145	2003	51/03*	SDPUB181	2002	38*,39/02	NOSPBCP2	32	17*,18,21,22,26,28,30,32,33,35,36,39,42,43,45/03
CDPUBSD146	2002	4/03*	SDPUB182	2001	8*,10,12,41/02;17/03	NOSPBCP3	36	34*,36,42,43,44,46,48,50,51,52/03
CDPUBSD157	2003	17/03*	SDPUB183	2001	27/01*;13,15,16/02;18/03	NOSPBCP4	35	34*,36,39,42,44,46,47,51/03
CDPUBSD158	2003	24/03*				NOSPBCP5	31	51*,52/03;1/04
CDPUBSD191	2003	52/03*				NOSPBCP6	33	23*,27,29,32,34,39,42,46,48,51,52/03;1/04
CDPUBSD192	2003	32*,36,38,39,40,41,42,43/03				NOSPBCP7	35	37*,38,39,42,44,45,48,51/03
CDPUBSD194	2002	6*,8,15,17,30,33,35,37,38,39,40/03				NOSPBCP8	25	32*,33,34,39,42,48,51/03;1/04
SDPUB120	2001	12*,18,48,49,51/01;8,13,14,21,22,24,29,33,35,37,42,43,44,45,47/02;4,6,7,8,9,10,11,12,14,17,20,21,23,29,30,31,41,42,44,45,52/03						

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 2/04**

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.
NOSPBCP9	21	30*,32,33,36,39,42,48,51/03
RADIO NAVIGATIONAL AIDS		
RAPUB117	2002	50/02*;13/03
AMERICAN PRACTICAL NAVIGATOR		
NVPUB9	2002	36/02*;14,38/03
INTERNATIONAL CODE OF SIGNALS		
CDPUBNV102	2003	20/03*
WORLD PORT INDEX		
NVPUB150	2000	50/00*;14,15,16,20,21,41,42,43,44,45,46,47,48,49,51,52/01;1,2,5,6,10,11,12,16,19,21,22,27,31,32,33,36,39,40,42,46,49/02;2,7,10,15,20/03
DISTANCES BETWEEN PORTS		
NVPUB151	2001	4/02*
RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
CDPUBNV1310	2001	51/01*
SIGHT REDUCTION TABLES (MARINE)		
SRPUB229V1	1970	11/71*
SRPUB229V2	1970	11/71*
SRPUB229V3	1970	7/71*
SRPUB229V4	1970	3/71*
SRPUB229V5	1970	3/71*
SRPUB229V6	1970	23/70*
SIGHT REDUCTION TABLES (AIR)		
SRPUB249V1	2000	4/01*
SRPUB249V2	1952	46/52*
SRPUB249V3	1952	46/52*
CHART NO. 1		
WOBZC1	1997	18/98*
CHART NO. 4		
WOBZC4	1988	N23/91*
ATLAS OF PILOT CHARTS		
NVPUB106	2002	42/03*
NVPUB107	1998	30/99*
NVPUB109	2001	49/02*
USCG NAVIGATION RULES		
COMDTM166722D	1999	44/99*;52/00
NOS TIDE TABLES		
NOSPBTTCPACIN4	2004	N1/04*
NOSPBTTTCSTNSA4	2004	N1/04*
NOSPBTTTEURAFR4	2004	N1/04*
NOSPBTTWCSTNSA4	2004	N1/04*
TIDAL CURRENT TABLES		
NOSPBTCATCSTN4	2004	N1/04*
NOSPBTCIPACAS4	2004	N1/04*

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 231200Z December 2003:

2003 series	387(GEN)	489(13,14)	492(GEN)	496(GEN)	499(11)
108(26,27)	454(GEN)	491(11,26)	495(11)	498(26)	500(GEN)

The summary of all NAVAREA IV messages in force as of 11 December 2003 is given in Section III of NM 52/03.

NAVAREA IV WARNINGS issued from 181200Z to 231200Z December 2003.

491/03(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

A. 0500Z TO 0459Z COMMENCING DAILY 22 THRU 28 DEC

IN AREA BOUND BY 30-45N 080-32W, 30-45N 079-40W,
30-38N 079-40W, 30-34N 080-32W.

B. 0500Z TO 0459Z COMMENCING DAILY 22 THRU 28 DEC

IN AREA BETWEEN 29-10N 29-20N AND 079-40W 079-50W.

C. 1300Z TO 0700Z COMMENCING DAILY

23 THRU 26 DEC IN AREA BETWEEN
30-00N 29-50N AND 081-00W 080-50W.

2. CANCEL THIS MSG 290559Z DEC.

(191422Z DEC 2003)

492/03(GEN).

1. NAVAREA IV MESSAGES IN FORCE 201000Z DEC 2003. ONLY THOSE

MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.

2003 SERIES: 454(GEN), 483(11,26), 487(GEN), 489(13,14), 491(11,26).

2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 12 DEC 2002

IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE

SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03, 26/03 AND 39/03.

3. CANCEL NAVAREA IV 484/03.

(201010Z DEC 2003)

493/03 and 494/03. CANCELED.

495/03(11). NORTH ATLANTIC.

1. DERELICT 44 FOOT S/V AWAY ADRIFT VICINITY

32-43.2N 078-41.8W. REPORTS TO

U.S. COAST GUARD GROUP CHARLESTON OR

ANY COASTAL RADIO STATION.

2. CANCEL THIS MSG 29 DEC.

(221500Z DEC 2003)

496/03(GEN). MARITIME ALERT AND HOMELAND SECURITY ADVISORY

THREAT CONDITION LEVEL HIGH (ORANGE).

1. THE U.S. DEPARTMENT OF HOMELAND SECURITY (DHS) RAISED THE

HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM ELEVATED

(YELLOW) TO THREAT CONDITION HIGH (ORANGE) ON 21 DEC.

THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK.

DHS HAS RECEIVED A SUBSTANTIAL INCREASE IN THE VOLUME OF THREAT

RELATED INTELLIGENCE REPORTS THAT ARE PERHAPS GREATER

NOW THAN AT ANY POINT SINCE 11 SEP 01.

2. THE U.S. INTELLIGENCE COMMUNITY BELIEVES THAT AL-QAIDA CONTINUES

TO DEVELOP PLANS TO USE AIRCRAFT AS A WEAPON IN SUICIDE ATTACKS

IN THE UNITED STATES, AND CONTINUES TO STUDY COUNTRIES TO

DETERMINE THOSE THAT HAVE THE LEAST STRINGENT AVIATION SECURITY

MEASURES. IN ADDITION, THE ACQUISITION, PRODUCTION, OR THEFT

OF CHEMICAL, BIOLOGICAL, RADIOLOGICAL, OR NUCLEAR MATERIALS

AND SUBSEQUENT DISSEMINATION IS A TOP AL-QAIDA OBJECTIVE.

3. PUBLIC AND PRIVATE OWNERS OF MARITIME VESSELS AND FACILITIES

ARE REQUESTED TO: (1) REVIEW ALL VESSEL SECURITY PLANS,

(2) MONITOR RESTRICTED AREAS, (3) CONTROL ACCESS TO THE VESSEL,

(4) MONITOR DECK AREAS AND AREAS SURROUNDING THE VESSEL,

(5) IMPLEMENT SECURITY LOOKOUTS AND/OR SECURITY PATROLS TO

ENSURE CONTINUOUS MONITORING, (6) PERFORM WATERSIDE BOAT PATROLS

TO ENSURE CONTINUOUS MONITORING, (7) USE DIVERS TO INSPECT THE

UNDERWATER PIER STRUCTURES ASSOCIATED WITH VESSEL BERTHING AND

LOADING/UNLOADING OPERATIONS, INCLUDING PIERS, DOCKS, MOLES,

POL DOLPHINS, ETC. PRIOR TO VESSEL ARRIVAL AND UPON VESSEL'S

ARRIVAL, AND IN OTHER SITUATIONS WHERE DEEMED APPROPRIATE,

(8) CONTROL THE EMBARKATION OF PERSONS AND THEIR EFFECTS,

AND (9) SUPERVISE THE HANDLING OF CARGO, VESSEL STORES

AND BUNKERS.

4. MARITIME INDUSTRY OPERATORS ARE URGED TO MAINTAIN HIGH LEVELS OF SECURITY AND IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS.
5. DHS ENCOURAGES RECIPIENTS OF THIS ADVISORY TO REPORT INFORMATION CONCERNING SUSPICIOUS OR CRIMINAL ACTIVITY TO LOCAL LAW ENFORCEMENT, LOCAL FBI JOINT TERRORISM TASK FORCE OR THE HOMELAND SECURITY OPERATIONS CENTER (HSOC). THE HSOC MAY BE CONTACTED AT PHONE: 202 282 8101. THE TRANSPORTATION INDUSTRY CAN ALSO REPORT INFORMATION CONCERNING SUSPICIOUS ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE WWW.FBI.GOV/CONTACT/FO/FO.HTM OR TO THE NATIONAL INFRASTRUCTURE PROTECTION CENTER (NIPC) AT ITS WEBSITE: WWW.NIPC.GOV/INCIDENT/CIRR.HTM.
6. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S (NGA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NGA PUBLICATION 117.
7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE "WEEKLY NOTICE TO MARINERS" AND MARAD INTERNET WEB SITE: WWW.MARAD.DOT.GOV.
8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; PHONE: 202 366 5735, OR BY EMAIL: OPCENTR1@MARAD.DOT.GOV.
9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.

(221545Z DEC 2003)

497/03. CANCELED.

- 498/03(26). NORTH ATLANTIC.
1. DERELICT 27 FOOT S/V ADRIFT VICINITY 29-04.41N 078-58.56W.
 2. CANCEL THIS MSG 29 DEC.

(222013Z DEC 2003)

- 499/03(11). GULF OF MEXICO. FLORIDA.
1. DERELICT BARGE PARTIALLY CAPSIZED AND ADRIFT VICINITY 28-13N 082-57W.
 2. CANCEL NAVAREA IV 497/03.
 3. CANCEL THIS MSG 30 DEC.

(231010Z DEC 2003)

- 500/03(GEN). NORTH ATLANTIC. GULF OF MEXICO. RADIO SERVICES.
U.S. COAST GUARD STATIONS BOSTON, PORTSMOUTH, MIAMI AND NEW ORLEANS
NAVTEX, SITOR, VOBRA AND WEATHER FAX OFF AIR.

(231050Z DEC 2003)

SECTION III

NM 2/04

HYDROLANTS

Messages in force 231200Z December 2003:

2000 series	2883(54)	1647(51,52)	2193(53)	2295(57)	2364(53)
2937(38)	2003 series	1731(35)	2202(51)	2297(24)	2367(57)
3762(43)	41(37)	1834(22)	2203(53)	2306(56)	2369(24)
4265(44)	67(37)	1863(37)	2204(52,53)	2310(55)	2372(GEN)
2001 series	544(55)	1912(55)	2215(GEN)	2312(53,54)	2374(35)
611(44)	604(26,27)	1944(53)	2225(52,53)	2319(53)	2375(35,37)
2700(37)	738(35)	1995(53)	2234(53)	2330(54)	2376(23)
3161(44)	754(37)	1999(23)	2235(37)	2331(37)	2377(24)
2002 series	867(37)	2031(55)	2241(57)	2340(52,53)	2378(24)
245(GEN)	1117(37)	2058(24)	2258(52)	2345(55)	2379(54)
246(GEN)	1242(24)	2124(54)	2263(53)	2351(51)	2380(37)
2203(51)	1291(37)	2144(22)	2264(37,51)	2354(24)	
2682(51)	1374(52,53)	2159(57,61)	2266(37)	2356(35,37)	
2848(37)	1422(53)	2168(57)	2271(37)	2357(GEN)	
2869(52)	1472(35)	2175(24)	2287(54)	2359(24)	
2882(54)	1620(53,56)	2188(52)	2291(GEN)	2360(GEN)	

The summary of all HYDROLANTS in force as of 11 December 2003 is given in Section III of NM 52/03.

HYDROLANT WARNINGS issued from 181200Z to 231200Z December 2003.

2349/03 and 2350/03. CANCELED.

2351/03(51). NORTH ATLANTIC.

1. UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY M/V SONNE ALONG TRACKLINE JOINING 36-06N 010-40W, 36-50N 010-09W, 37-30N 011-02W.
2. CANCEL HYDROLANT 2292/03(24).
3. CANCEL HYDROLANT 2338/03.

(181730Z DEC 2003)

2352/03 and 2353/03. CANCELED.

2354/03(24). BRAZIL-SOUTH COAST.

- CHART 24120 (9TH ED).
ARARANGUA LIGHT 28-56.1S 049-21.7W UNRELIABLE.

(191007Z DEC 2003)

2355/03. CANCELED.

2356/03(35,37). ENGLAND-EAST COAST.

- SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY M/V GEO SEARCHER TOWING 3000 METER LONG CABLE:
A. IN AREA BOUND BY 54-05N 000-24E,
54-15N 000-38E, 54-18N 000-17W.
B. VICINITY OF TRACKLINE BETWEEN
54-55N 000-31W AND 54-55N 000-52W.
WIDE BERTH REQUESTED.

(191447Z DEC 2003)

2357/03(GEN).

1. CANCEL HYDROLANT 2116/03(24).
2. CANCEL HYDROLANT 2352/03(35), AID RESTORED.
3. CANCEL THIS MSG.

(192344Z DEC 2003)

2358/03. CANCELED.

2359/03(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 260159Z DEC BY M/V CGG HARMATTAN TOWING SIX 6000 METER LONG CABLES ALONG TRACKLINE BETWEEN 25-24S 045-06W AND 25-56S 046-00W. FOUR MILE BERTH REQUESTED.
2. CANCEL THIS MSG 260259Z DEC.

(200850Z DEC 2003)

2360/03(GEN).

1. HYDROLANT MESSAGES IN FORCE 201100Z DEC 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.

2003 SERIES: 2111(53), 2124(54), 2144(22), 2159(57,61),
 2168(57), 2175(24), 2188(52), 2193(53), 2202(51), 2203(53),
 2204(52,53), 2215(GEN), 2225(52,53), 2234(53), 2235(37),
 2241(57), 2257(23,24), 2258(52), 2263(53), 2264(37,51),
 2266(37), 2271(37), 2279(24), 2287(54), 2291(GEN), 2295(57),
 2297(24), 2301(55), 2306(56), 2310(55), 2312(53,54),
 2318(52), 2319(53), 2329(55), 2330(54), 2331(37), 2340(52,53),
 2345(55), 2351(51), 2353(24), 2354(24), 2355(35), 2356(35,37),
 2358(24), 2359(24).

2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03, 26/03 AND 39/03.
3. CANCEL HYDROLANT 2118/03, 2294/03, 2316/03, 2323/03, 2325/03.

(201110Z DEC 2003)

2361/03 thru 2363/03. CANCELED.

2364/03(53). TYRRHENIAN SEA.

1. 12 METER VESSEL ADRIFT VICINITY 40-31.1N 010-45.4E.
2. CANCEL THIS MSG 28 DEC.

(210810Z DEC 2003)

2365/03 and 2366/03. CANCELED.

2367/03(57). GULF OF GUINEA.

UNDERWATER OPERATIONS IN PROGRESS UNTIL FURTHER NOTICE BY M/V SAIPEM 10000 IN AREA BETWEEN 05-47.3N 05-40.7N AND 004-30.7E 004-22.8E. ONE MILE BERTH REQUESTED.

(212205Z DEC 2003)

2368/03. CANCELED.

2369/03(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 24 DEC BY M/V VERITAS VIKING I TOWING EIGHT 6000 METER LONG CABLES IN AREA BETWEEN 15-42S 15-08S AND 038-48W 037-47W. SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2365/03(GEN).
3. CANCEL THIS MSG 25 DEC.

(220640Z DEC 2003)

2370/03 and 2371/03. CANCELED.

2372/03(GEN). MARITIME ALERT AND HOMELAND SECURITY ADVISORY THREAT CONDITION LEVEL HIGH (ORANGE).

1. THE U.S. DEPARTMENT OF HOMELAND SECURITY (DHS) RAISED THE HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE) ON 21 DEC. THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK. DHS HAS RECEIVED A SUBSTANTIAL INCREASE IN THE VOLUME OF THREAT RELATED INTELLIGENCE REPORTS THAT ARE PERHAPS GREATER NOW THAN AT ANY POINT SINCE 11 SEP 01.
2. THE U.S. INTELLIGENCE COMMUNITY BELIEVES THAT AL-QAIDA CONTINUES TO DEVELOP PLANS TO USE AIRCRAFT AS A WEAPON IN SUICIDE ATTACKS IN THE UNITED STATES, AND CONTINUES TO STUDY COUNTRIES TO DETERMINE THOSE THAT HAVE THE LEAST STRINGENT AVIATION SECURITY MEASURES. IN ADDITION, THE ACQUISITION, PRODUCTION, OR THEFT OF CHEMICAL, BIOLOGICAL, RADIOLOGICAL, OR NUCLEAR MATERIALS AND SUBSEQUENT DISSEMINATION IS A TOP AL-QAIDA OBJECTIVE.
3. PUBLIC AND PRIVATE OWNERS OF MARITIME VESSELS AND FACILITIES ARE REQUESTED TO: (1) REVIEW ALL VESSEL SECURITY PLANS, (2) MONITOR RESTRICTED AREAS, (3) CONTROL ACCESS TO THE VESSEL, (4) MONITOR DECK AREAS AND AREAS SURROUNDING THE VESSEL, (5) IMPLEMENT SECURITY LOOKOUTS AND/OR SECURITY PATROLS TO ENSURE CONTINUOUS MONITORING, (6) PERFORM WATERSIDE BOAT PATROLS TO ENSURE CONTINUOUS MONITORING, (7) USE DIVERS TO INSPECT THE UNDERWATER PIER STRUCTURES ASSOCIATED WITH VESSEL BERTHING AND LOADING/UNLOADING OPERATIONS, INCLUDING PIERS, DOCKS, MOLES, POL DOLPHINS, ETC, PRIOR TO VESSEL ARRIVAL AND UPON VESSEL'S ARRIVAL, AND IN OTHER SITUATIONS WHERE DEEMED APPROPRIATE, (8) CONTROL THE EMBARKATION OF PERSONS AND THEIR EFFECTS, AND (9) SUPERVISE THE HANDLING OF CARGO, VESSEL STORES AND BUNKERS.
4. MARITIME INDUSTRY OPERATORS ARE URGED TO MAINTAIN HIGH LEVELS OF SECURITY AND IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS.
5. DHS ENCOURAGES RECIPIENTS OF THIS ADVISORY TO REPORT INFORMATION CONCERNING SUSPICIOUS OR CRIMINAL ACTIVITY TO LOCAL LAW

SECTION III

NM 2/04

- ENFORCEMENT, LOCAL FBI JOINT TERRORISM TASK FORCE OR THE HOMELAND SECURITY OPERATIONS CENTER (HSOC). THE HSOC MAY BE CONTACTED AT PHONE: 202 282 8101. THE TRANSPORTATION INDUSTRY CAN ALSO REPORT INFORMATION CONCERNING SUSPICIOUS ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE WWW.FBI.GOV/CONTACT/FO/FO.HTM OR TO THE NATIONAL INFRASTRUCTURE PROTECTION CENTER (NIPC) AT ITS WEBSITE: WWW.NIPC.GOV/INCIDENT/CIRR.HTM.
6. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S (NGA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NGA PUBLICATION 117.
 7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE "WEEKLY NOTICE TO MARINERS" AND MARAD INTERNET WEB SITE: WWW.MARAD.DOT.GOV.
 8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; PHONE: 202 366 5735, OR BY EMAIL: OPCENTR1@MARAD.DOT.GOV.
 9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.
- (221655Z DEC 2003)
- 2373/03. CANCELED.
- 2374/03(35). SCOTLAND-EAST COAST.
CHART 35101 (6TH ED).
1. DANGEROUS WRECK, LEAST DEPTH 17.5 METERS, IN 57-45.4N 003-09.9W.
2. CANCEL HYDROLANT 2371/03(37).
3. CANCEL HYDROLANT 2355/03.
- (222053Z DEC 2003)
- 2375/03(35,37). ENGLAND-EAST COAST. RADIO SERVICES.
MRSC HUMBER MF DSC 54-18N 000-05W INOPERATIVE.
- (222200Z DEC 2003)
- 2376/03(23). SOUTH ATLANTIC. ICE.
1. ICEBERGS REPORTED ON 22 DEC:
A. A-38A, 22 MILES BY 48 MILES IN 55-36S 032-24W.
B. A-38B, 22 MILES BY 25 MILES IN 55-36S 034-24W.
C. A-38C, SEVEN MILES BY 11 MILES IN 52-36S 036-24W.
D. A-38D, TWO MILES BY TEN MILES IN 54-24S 033-24W.
E. A-43B, 13 MILES BY 40 MILES IN 54-24S 039-06W.
2. CANCEL HYDROLANT 2318/03(52).
3. CANCEL THIS MSG 30 DEC.
- (230232Z DEC 2003)
- 2377/03(24). SOUTH ATLANTIC.
1. DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 31-13.9S 029-28.2W. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.
2. CANCEL HYDROLANT 2368/03.
- (230710Z DEC 2003)
- 2378/03(24). BRAZIL-NORTH COAST.
1. SEISMIC SURVEY IN PROGRESS UNTIL 270300Z DEC BY M/V RAMFORM VIKING TOWING EIGHT 6000 METER LONG CABLES IN AREA BOUND BY 02-50S 038-27W, 02-53S 038-23W, 03-16S 038-34W, 03-13S 038-40W. FIVE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2279/03.
3. CANCEL THIS MSG 270400Z DEC.
- (230720Z DEC 2003)
- 2379/03(54). ADRIATIC SEA. ITALY TO CROATIA.
F/V WALTER NATARELLI, FOUR PERSONS ON BOARD, OVERDUE VASTO TO VIS ISLAND. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC ROME, TELEX: 4361 1172, PHONE: 3906 5908 4527, FAX: 390 6592 2737.
- (230950Z DEC 2003)

2380/03(37). ENGLAND-SOUTHEAST COAST.

CHART 37150 (8TH ED).

1. DANGEROUS WRECK, SWEEPED DEPTH 27 METERS,
MARKED BY EAST CARDINAL BUOY, RACON (D) AND
WEST CARDINAL BUOY IN 52-33.47N 002-32.70E.
2. CANCEL HYDROLANT 1553/03.

(231120Z DEC 2003)

SECTION III

NM 2/04

NAVAREA XII

Messages in force 231200Z December 2003:

2003 series	351(19)	377(18)	381(GEN)
262(GEN)	352(GEN)	378(GEN)	

The summary of all NAVAREA XII messages in force as of 11 December 2003 is given in Section III of NM 52/03.

NAVAREA XII WARNINGS issued from 181200Z to 231200Z December 2003.

369/03 thru 376/03. CANCELED.

377/03(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:

- | | |
|--------------------|--|
| A. 34-02N 119-04W. | M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL |
| B. 33-52N 119-06W. | TO THE SHORELINE. |
| C. 33-29N 119-07W. | N. 34-24N 120-30W. |
| D. 33-29N 118-37W. | O. 34-08N 120-26W. |
| E. 33-20N 118-37W. | P. 34-08N 119-40W. |
| F. 32-11N 120-16W. | Q. 34-00N 119-40W. |
| G. 31-54N 121-35W. | R. 34-06N 119-13W. |
| H. 35-09N 123-39W. | S. 34-06N 119-11W. |
| I. 35-29N 123-00W. | T. 34-07N 119-10W. |
| J. 35-04N 122-43W. | U. 34-07N 119-07W. |
| K. 35-57N 121-32W. | V. 34-04N 119-04W. |
| L. 34-59N 120-42W. | |

2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THE THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 368/03.

(181230Z DEC 2003)

378/03(GEN).

1. NAVAREA XII MESSAGES IN FORCE 201000Z DEC 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 351(19), 352(GEN), 377(18).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03, 26/03 AND 39/03.
3. CANCEL NAVAREA XII 372/03.

(201020Z DEC 2003)

379/03 and 380/03. CANCELED.

381/03(GEN). MARITIME ALERT AND HOMELAND SECURITY ADVISORY THREAT CONDITION LEVEL HIGH (ORANGE).

1. THE U.S. DEPARTMENT OF HOMELAND SECURITY (DHS) RAISED THE HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE) ON 21 DEC. THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK. DHS HAS RECEIVED A SUBSTANTIAL INCREASE IN THE VOLUME OF THREAT RELATED INTELLIGENCE REPORTS THAT ARE PERHAPS GREATER NOW THAN AT ANY POINT SINCE 11 SEP 01.
2. THE U.S. INTELLIGENCE COMMUNITY BELIEVES THAT AL-QAIDA CONTINUES TO DEVELOP PLANS TO USE AIRCRAFT AS A WEAPON IN SUICIDE ATTACKS IN THE UNITED STATES, AND CONTINUES TO STUDY COUNTRIES TO DETERMINE THOSE THAT HAVE THE LEAST STRINGENT AVIATION SECURITY MEASURES. IN ADDITION, THE ACQUISITION, PRODUCTION, OR THEFT OF CHEMICAL, BIOLOGICAL, RADIOLOGICAL, OR NUCLEAR MATERIALS AND SUBSEQUENT DISSEMINATION IS A TOP AL-QAIDA OBJECTIVE.
3. PUBLIC AND PRIVATE OWNERS OF MARITIME VESSELS AND FACILITIES ARE REQUESTED TO: (1) REVIEW ALL VESSEL SECURITY PLANS, (2) MONITOR RESTRICTED AREAS, (3) CONTROL ACCESS TO THE VESSEL, (4) MONITOR DECK AREAS AND AREAS SURROUNDING THE VESSEL,

- (5) IMPLEMENT SECURITY LOOKOUTS AND/OR SECURITY PATROLS TO ENSURE CONTINUOUS MONITORING, (6) PERFORM WATERSIDE BOAT PATROLS TO ENSURE CONTINUOUS MONITORING, (7) USE DIVERS TO INSPECT THE UNDERWATER PIER STRUCTURES ASSOCIATED WITH VESSEL BERTHING AND LOADING/UNLOADING OPERATIONS, INCLUDING PIERS, DOCKS, MOLES, POL DOLPHINS, ETC, PRIOR TO VESSEL ARRIVAL AND UPON VESSEL'S ARRIVAL, AND IN OTHER SITUATIONS WHERE DEEMED APPROPRIATE, (8) CONTROL THE EMBARKATION OF PERSONS AND THEIR EFFECTS, AND (9) SUPERVISE THE HANDLING OF CARGO, VESSEL STORES AND BUNKERS.
4. MARITIME INDUSTRY OPERATORS ARE URGED TO MAINTAIN HIGH LEVELS OF SECURITY AND IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS.
 5. DHS ENCOURAGES RECIPIENTS OF THIS ADVISORY TO REPORT INFORMATION CONCERNING SUSPICIOUS OR CRIMINAL ACTIVITY TO LOCAL LAW ENFORCEMENT, LOCAL FBI JOINT TERRORISM TASK FORCE OR THE HOMELAND SECURITY OPERATIONS CENTER (HSOC). THE HSOC MAY BE CONTACTED AT PHONE: 202 282 8101. THE TRANSPORTATION INDUSTRY CAN ALSO REPORT INFORMATION CONCERNING SUSPICIOUS ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE WWW.FBI.GOV/CONTACT/FO/FO.HTM OR TO THE NATIONAL INFRASTRUCTURE PROTECTION CENTER (NIPC) AT ITS WEBSITE: WWW.NIPC.GOV/INCIDENT/CIRR.HTM.
 6. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S (NGA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NGA PUBLICATION 117.
 7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE "WEEKLY NOTICE TO MARINERS" AND MARAD INTERNET WEB SITE: WWW.MARAD.DOT.GOV.
 8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; PHONE: 202 366 5735, OR BY EMAIL: OPCENTR1@MARAD.DOT.GOV.
 9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.

(221720Z DEC 2003)

SECTION III

NM 2/04

HYDROPACS

Messages in force 231200Z December 2003:

2001 series	801(72)	1700(62)	1991(73,74)	2106(73)	2191(81)
1976(62)	895(62)	1732(75)	1998(61)	2107(73)	2195(81)
2002 series	960(63)	1733(75)	2004(73,74)	2108(73)	2198(63)
205(GEN)	992(62)	1734(74)	2021(93,94)	2109(73)	2200(63)
206(GEN)	993(62)	1736(63)	2027(75)	2110(73)	2202(63)
403(72,73)	998(71)	1745(96)	2028(96)	2111(63)	2203(63)
2191(22)	1041(71)	1785(96)	2030(74)	2115(73)	2204(GEN)
2199(63)	1198(92)	1794(62)	2039(81,82)	2123(61)	2205(63)
2330(62)	1213(73)	1801(96)	2045(95)	2134(63)	2206(63)
2339(63)	1248(63)	1834(73,74)	2046(95)	2138(91,93)	2210(91)
2003 series	1266(73)	1892(73)	2047(94,95)	2139(76)	2212(63)
167(95)	1330(62)	1893(73)	2048(94,95)	2140(GEN)	2214(94,97)
197(71)	1395(62)	1911(62)	2049(94,95)	2143(81,97)	2215(63)
207(62)	1398(74)	1949(74)	2050(95)	2154(75)	2216(63)
445(96)	1485(22)	1952(61)	2051(GEN)	2159(63)	2217(GEN)
495(62)	1514(62)	1959(76)	2056(81)	2167(82)	2218(74)
496(62)	1518(62)	1971(72)	2057(61)	2175(63)	2219(75)
506(62)	1652(63)	1975(73,74)	2063(96)	2179(63)	2220(63)
515(73)	1653(63)	1979(81)	2065(81,97)	2181(74)	
638(62)	1655(29)	1980(76,83)	2070(81)	2186(63)	
760(63)	1697(61)	1982(GEN)	2082(81)	2187(63)	
761(63)	1699(63)	1983(57,61)	2097(75)	2188(63)	

The summary of all HYDROPACS in force as of 11 December 2003 is given in Section III of NM 52/03.

HYDROPAC WARNINGS issued from 181200Z to 231200Z December 2003.

2194/03. CANCELED.

2195/03(81). NORTH PACIFIC.

1. DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN
13-17.7N 134-38.8E AT 181417Z DEC. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
ASSIST IF POSSIBLE. REPORTS TO U.S. COAST
GUARD GUAM. TELEX: 392401, PHONE: 671 339 6100.
2. CANCEL HYDROPAC 2091/03(74), SURVEY COMPLETED.
3. CANCEL HYDROPAC 2194/03(97).

(181750Z DEC 2003)

2196/03 and 2197/03. CANCELED.

2198/03(63). INDIA-WEST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 31 DEC
BY M/V TEKNIK PERDANA TOWING 1500 METER
LONG CABLE IN AREA BOUND BY
20-19.3N 067-18.2E, 20-20.3N 067-21.5E,
20-17.1N 067-22.5E, 20-16.2N 067-19.2E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 01 JAN 04.

(190831Z DEC 2003)

2199/03. CANCELED.

2200/03(63). BAY OF BENGAL.

- DISTRESS SIGNAL RECEIVED IN 17-04N 092-43E. VESSELS
IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO RCC ALAMEDA, TELEX: 230172343,
PHONE: 510 437 3701.

(191027Z DEC 2003)

2201/03. CANCELED.

2202/03(63). ANDAMAN ISLANDS.

1. 32 FOOT F/V, YELLOW HULL, FOUR PERSONS ON BOARD,
UNREPORTED. LAST KNOWN POSITION VICINITY
INTERVIEW ISLAND (13-00N 092-40E). VESSELS IN
VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST
IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.
2. CANCEL HYDROPAC 2062/03.

(191110Z DEC 2003)

NM 2/04**SECTION III**

2203/03(63). BAY OF BENGAL.

1. F/V REGAL STAR CAPSIZED AND ADRIFT VICINITY 13-01N 080-48E. ONE PERSON MISSING. VESSELS IN VICINITY REQUEST TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC CHENNAI, INMARSAT-C: 44190 7510, PHONE: 9144 2539 5017, FAX: 9144 2539 5018.
2. CANCEL HYDROPAC 2196/03(93).

(191829Z DEC 2003)

2204/03(GEN).

1. HYDROPAC MESSAGES IN FORCE 201100Z DEC 2003. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2003 SERIES: 1949(74), 1952(61), 1959(76), 1971(72), 1975(73,74), 1979(81), 1980(76,83), 1982(GEN), 1983(57,61), 1991(73,74), 1998(61), 2004(73,74), 2021(93,94), 2027(75), 2028(96), 2030(74), 2039(81,82), 2045(95), 2046(95), 2047(94,95), 2048(94,95), 2049(94,95), 2050(95), 2051(GEN), 2056(81), 2057(61), 2063(96), 2065(81,97), 2070(81), 2082(81), 2097(75), 2106(73), 2107(73), 2108(73), 2109(73), 2110(73), 2111(63), 2115(73), 2123(61), 2134(63), 2138(91,93), 2139(76), 2140(GEN), 2141(62), 2143(81,97), 2154(75), 2158(62), 2159(63), 2167(82), 2170(63), 2171(63), 2175(63), 2179(63), 2181(74), 2186(63), 2187(63), 2188(63), 2191(81), 2195(81), 2197(63), 2198(63), 2200(63), 2201(63), 2202(63), 2203(63).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 12 DEC 2002 IS GIVEN IN SEC III OF NM 52/02. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/03, 26/03 AND 39/03.
3. CANCEL HYDROPAC 1777/03, 1906/03, 1914/03, 2079/03, 2095/03, 2168/03.

(201120Z DEC 2003)

2205/03(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0030Z TO 1230Z DAILY 23 AND 24 DEC IN AREA BOUND BY 19-14.6N 084-53.7E, 19-10.5N 085-01.0E, 19-01.7N 084-56.8E, 19-05.1N 084-48.4E, 19-12.6N 084-51.6E.
2. CANCEL THIS MSG 241330Z DEC.

(201210Z DEC 2003)

2206/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 23 THRU 26 DEC IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E, 09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
2. CANCEL THIS MSG 261630Z DEC.

(201220Z DEC 2003)

2207/03 thru 2209/03. CANCELED.

2210/03(91). PHILIPPINE SEA.

- F/V TIEN TSUN TSAI, FOUR PERSONS ON BOARD, DISABLED AND TAKING ON WATER DUE TO COLLISION IN 16-39N 125-58E. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC ALAMEDA, TELEEX: 2301 72343, PHONE: 510 437 3701 OR RCC TAIPEI.

(210620Z DEC 2003)

2211/03. CANCELED.

2212/03(63). BAY OF BENGAL.

- F/V RANI PUTA, RED AND BLUE HULL, CAPSIZED AND ADRIFT VICINITY 13-01N 082-48E. ONE PERSON MISSING. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(220520Z DEC 2003)

2213/03. CANCELED.

2214/03(94,97). NORTH PACIFIC.

1. CABLE REPAIR OPERATIONS 25 DEC THRU 08 JAN BY CABLESHIP KDD OCEAN LINK IN AREA BETWEEN 22-30N 23-40N AND 122-50E 123-10E.
2. CANCEL HYDROPAC 1220/03(62) AND 1222/03(62).
3. CANCEL THIS MSG 09 JAN 04.

(221050Z DEC 2003)

2215/03(63). INDIA-WEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY 24 THRU 30 DEC WITHIN 75 MILES OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 301700Z DEC.

(221120Z DEC 2003)

SECTION III

NM 2/04

2216/03(63). INDIA-WEST COAST.

1. SEISMIC SURVEY 23 THRU 31 DEC BY
M/V C-EXPLORER TOWING THREE 4000 METER
LONG CABLE IN AREA BOUND BY
20-05.6N 071-35.1E, 20-20.9N 072-09.6E,
20-10.1N 072-13.1E, 19-56.0N 071-41.1E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 01 JAN 04.

(221140Z DEC 2003)

2217/03(GEN). MARITIME ALERT AND HOMELAND SECURITY ADVISORY
THREAT CONDITION LEVEL HIGH (ORANGE).

1. THE U.S. DEPARTMENT OF HOMELAND SECURITY (DHS) RAISED THE HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE) ON 21 DEC. THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK. DHS HAS RECEIVED A SUBSTANTIAL INCREASE IN THE VOLUME OF THREAT RELATED INTELLIGENCE REPORTS THAT ARE PERHAPS GREATER NOW THAN AT ANY POINT SINCE 11 SEP 01.
2. THE U.S. INTELLIGENCE COMMUNITY BELIEVES THAT AL-QAIDA CONTINUES TO DEVELOP PLANS TO USE AIRCRAFT AS A WEAPON IN SUICIDE ATTACKS IN THE UNITED STATES, AND CONTINUES TO STUDY COUNTRIES TO DETERMINE THOSE THAT HAVE THE LEAST STRINGENT AVIATION SECURITY MEASURES. IN ADDITION, THE ACQUISITION, PRODUCTION, OR THEFT OF CHEMICAL, BIOLOGICAL, RADIOLOGICAL, OR NUCLEAR MATERIALS AND SUBSEQUENT DISSEMINATION IS A TOP AL-QAIDA OBJECTIVE.
3. PUBLIC AND PRIVATE OWNERS OF MARITIME VESSELS AND FACILITIES ARE REQUESTED TO: (1) REVIEW ALL VESSEL SECURITY PLANS, (2) MONITOR RESTRICTED AREAS, (3) CONTROL ACCESS TO THE VESSEL, (4) MONITOR DECK AREAS AND AREAS SURROUNDING THE VESSEL, (5) IMPLEMENT SECURITY LOOKOUTS AND/OR SECURITY PATROLS TO ENSURE CONTINUOUS MONITORING, (6) PERFORM WATERSIDE BOAT PATROLS TO ENSURE CONTINUOUS MONITORING, (7) USE DIVERS TO INSPECT THE UNDERWATER PIER STRUCTURES ASSOCIATED WITH VESSEL BERTHING AND LOADING/UNLOADING OPERATIONS, INCLUDING PIERS, DOCKS, MOLES, POL DOLPHINS, ETC, PRIOR TO VESSEL ARRIVAL AND UPON VESSEL'S ARRIVAL, AND IN OTHER SITUATIONS WHERE DEEMED APPROPRIATE, (8) CONTROL THE EMBARKATION OF PERSONS AND THEIR EFFECTS, AND (9) SUPERVISE THE HANDLING OF CARGO, VESSEL STORES AND BUNKERS.
4. MARITIME INDUSTRY OPERATORS ARE URGED TO MAINTAIN HIGH LEVELS OF SECURITY AND IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS.
5. DHS ENCOURAGES RECIPIENTS OF THIS ADVISORY TO REPORT INFORMATION CONCERNING SUSPICIOUS OR CRIMINAL ACTIVITY TO LOCAL LAW ENFORCEMENT, LOCAL FBI JOINT TERRORISM TASK FORCE OR THE HOMELAND SECURITY OPERATIONS CENTER (HSOC). THE HSOC MAY BE CONTACTED AT PHONE: 202 282 8101. THE TRANSPORTATION INDUSTRY CAN ALSO REPORT INFORMATION CONCERNING SUSPICIOUS ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE WWW.FBI.GOV/CONTACT/FO/FO.HTM OR TO THE NATIONAL INFRASTRUCTURE PROTECTION CENTER (NIPC) AT ITS WEBSITE: WWW.NIPC.GOV/INCIDENT/CIRR.HTM.
6. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S (NGA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NGA PUBLICATION 117.
7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE "WEEKLY NOTICE TO MARINERS" AND MARAD INTERNET WEB SITE: WWW.MARAD.DOT.GOV.
8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; PHONE: 202 366 5735, OR BY EMAIL: OPCENTR1@MARAD.DOT.GOV.
9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.

(221725Z DEC 2003)

2218/03(74). AUSTRALIA-NORTHWEST COAST.

1. DERELICT 20 METER F/V WITH WHITE AND BLUE CONTAINERS, CAPSIZED AND ADRIFT IN 10-36.1S 125-59.2E AT 222300Z DEC.
2. CANCEL THIS MSG 30 DEC.

(230326Z DEC 2003)

2219/03(75). AUSTRALIA-SOUTHEAST COAST.
UNDERWATER CORING OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY M/V MARKAB ALONG TRACKLINE
BETWEEN 38-38S 142-55E AND 39-07S 142-55E.
TWO MILE BERTH REQUESTED.

(231140Z DEC 2003)

2220/03(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:

A. 270430Z TO 271430Z DEC IN AREA BOUND BY

15-31N 069-38E, 16-13N 068-30E,

16-45N 069-30E, 16-10N 070-08E.

B. 280430Z TO 280830Z DEC IN AREA BOUND BY

13-56N 071-11E, 12-29N 073-58E,

12-09N 072-12E, 13-07N 071-53E.

C. 290430Z TO 291230Z DEC IN AREA BOUND BY

15-30N 072-31E, 16-18N 073-15E,

17-21N 072-51E, 16-43N 071-01E.

2. CANCEL HYDROPAC 2201/03.

3. CANCEL THIS MSG 291330Z DEC.

(231150Z DEC 2003)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 23 December 2003: 00-7, 01-1, 01-7, 02-2, 02-5, 02-7, 03-4 and 03-6.

MARAD ADVISORY NO. 03-6 (221500Z DEC 2003)

TO: OPERATORS OF U.S. FLAG AND EFFECTIVE U.S. CONTROLLED VESSELS AND OTHER MARITIME INTERESTS

1. THE U.S. DEPARTMENT OF HOMELAND SECURITY (DHS) RAISED THE HOMELAND SECURITY ADVISORY SYSTEM (HSAS) FROM ELEVATED (YELLOW) TO THREAT CONDITION HIGH (ORANGE) ON DEC. 21, 2003. THIS CONDITION SIGNIFIES A HIGH RISK OF TERRORIST ATTACK. DHS HAS RECEIVED A SUBSTANTIAL INCREASE IN THE VOLUME OF THREAT RELATED INTELLIGENCE REPORTS THAT ARE PERHAPS GREATER NOW THAN AT ANY POINT SINCE 9/11.

2. THE U.S. INTELLIGENCE COMMUNITY BELIEVES THAT AL-QAIDA CONTINUES TO DEVELOP PLANS TO USE AIRCRAFT AS A WEAPON IN SUICIDE ATTACKS IN THE UNITED STATES, AND CONTINUES TO STUDY COUNTRIES TO DETERMINE THOSE THAT HAVE THE LEAST STRINGENT AVIATION SECURITY MEASURES. IN ADDITION, THE ACQUISITION, PRODUCTION, OR THEFT OF CHEMICAL, BIOLOGICAL, RADIOLOGICAL, OR NUCLEAR MATERIALS AND SUBSEQUENT DISSEMINATION IS A TOP AL-QAIDA OBJECTIVE.

3. PUBLIC AND PRIVATE OWNERS OF MARITIME VESSELS AND FACILITIES ARE REQUESTED TO: (1) REVIEW ALL VESSEL SECURITY PLANS, (2) MONITOR RESTRICTED AREAS, (3) CONTROL ACCESS TO THE VESSEL, (4) MONITOR DECK AREAS AND AREAS SURROUNDING THE VESSEL, (5) IMPLEMENT SECURITY LOOKOUTS AND/OR SECURITY PATROLS TO ENSURE CONTINUOUS MONITORING, (6) PERFORM WATERSIDE BOAT PATROLS TO ENSURE CONTINUOUS MONITORING, (7) USE DIVERS TO INSPECT THE UNDERWATER PIER STRUCTURES ASSOCIATED WITH VESSEL BERTHING AND LOADING/UNLOADING OPERATIONS, INCLUDING PIERS, DOCKS, MOLES, POL DOLPHINS, ETC. PRIOR TO VESSEL ARRIVAL AND UPON VESSEL'S ARRIVAL, AND IN OTHER SITUATIONS WHERE DEEMED APPROPRIATE, (8) CONTROL THE EMBARKATION OF PERSONS AND THEIR EFFECTS, AND (9) SUPERVISE THE HANDLING OF CARGO, VESSEL STORES, AND BUNKERS.

4. MARITIME INDUSTRY OPERATORS ARE URGED TO MAINTAIN HIGH LEVELS OF SECURITY AND IMPLEMENT APPROPRIATE PROTECTIVE MEASURES THAT CORRESPOND TO THREAT CONDITION ORANGE UNDER THE HSAS.

5. DHS ENCOURAGES RECIPIENTS OF THIS ADVISORY TO REPORT INFORMATION CONCERNING SUSPICIOUS OR CRIMINAL ACTIVITY TO LOCAL LAW ENFORCEMENT, LOCAL FBI JOINT TERRORISM TASK FORCE OR THE HOMELAND SECURITY OPERATIONS CENTER (HSOC). THE HSOC MAY BE CONTACTED AT PHONE: (202) 282-8101. THE TRANSPORTATION INDUSTRY CAN ALSO REPORT INFORMATION CONCERNING SUSPICIOUS ACTIVITY TO THEIR LOCAL FBI OFFICE THROUGH THE FBI WEBSITE [HTTP://FBI.GOV/CONTACT/FO/FO.HTM](http://fbi.gov/contact/fo/fo.htm) OR TO THE NATIONAL INFRASTRUCTURE PROTECTION CENTER (NIPC) AT ITS WEBSITE [HTTP://WWW.NIPC.GOV/INCIDENT/CIRR.HTM](http://www.nipc.gov/incident/cirr.htm).

6. U.S. MERCHANT VESSELS AND CRUISE SHIPS SHOULD BE ON A HEIGHTENED STATE OF SECURITY, SHOULD CLOSELY MONITOR THE NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY'S (NGA) BROADCAST WARNINGS AND SHOULD REVIEW THE EMERGENCY COMMUNICATION PROCEDURES FOR ASSISTANCE IN NGA PUBLICATION 117.

7. ALL U.S.-FLAG OPERATORS ARE REQUESTED TO FORWARD THIS ADVISORY TO

THEIR SHIPS BY THE MOST EXPEDIENT MEANS. THIS ADVISORY WILL SUBSEQUENTLY BE PUBLISHED IN THE WEEKLY {NOTICE TO MARINERS} AND MARAD INTERNET WEB SITE: [HTTP://WWW.MARAD.DOT.GOV](http://www.marad.dot.gov).

8. FOR FURTHER INFORMATION REGARDING THIS ADVISORY CONTACT THE MARITIME ADMINISTRATION, OFFICE OF SHIP OPERATIONS, CODE MAR-613, ROOM 2123, 400 7TH STREET SW, WASHINGTON, DC 20590; TELEPHONE 202-366-5735, OR BY EMAIL TO OPCENTR1@MARAD.DOT.GOV.

9. THE HOMELAND SECURITY ADVISORY SYSTEM HAS BEEN ELEVATED TO THREAT CONDITION ORANGE.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

SPECIAL WARNINGS in force 23 December 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two nautical chart products:

- Charts-On-Demand distributed by OceanGrafix (www.OceanGrafix.com)
- Traditional NOAA/NOS paper charts distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Charts-On-Demand Charts are available the day after NOAA clears a New Edition for release. The traditional paper charts are available two to eight weeks later. Each is official, should be put into service immediately and meets Federal chart carriage requirements immediately upon its release. For questions contact NOAA at help@nauticalcharts.gov or call 301-713-1773 x 105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

Recent new editions released by NOAA are listed below:

12270 33rd Ed. Dec 2003 NEW EDITION 12AHA12270 NAD 83 (NOS Silver Spring, MD)
 MD-CHESAPEAKE BAY-EASTERN BAY AND SOUTH RIVER 1:40,000
 (New edition due to numerous Notice to Mariners changes)

This NOAA chart is available in both the Print-on-Demand and digital raster formats. See <http://chartmaker.ncd.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

13221 54th Ed. Dec 2003 NEW EDITION 13AHA13221 NAD 83 (NOS Silver Spring, MD)
 RI-MA-NARRAGANSETT BAY 1:40,000
 (New edition due to numerous Notice to Mariners changes)

This NOAA chart is available in both the Print-on-Demand and digital raster formats. See <http://chartmaker.ncd.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

13230 47th Ed. Dec 2003 NEW EDITION 13ACO13230 NAD 83 (NOS Silver Spring, MD)
 MA-BUZZARDS BAY 1:40,000
 INSET: Quicks Hole 1:20,000
 (New edition due to various general changes and changes in hydrography)

This NOAA chart is available in both the Print-on-Demand and digital raster formats. See <http://chartmaker.ncd.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

17320 16th Ed. Dec 2003 NEW EDITION 17ACO17320 NAD 83 (NOS Silver Spring, MD)
 AK-SOUTHEAST COAST-CORONATION ISLAND TO LISIANSKI STRAIT 1:217,828/LORAN-C
 (New edition due to various general changes)

This NOAA chart is available in both the Print-on-Demand and digital raster formats. See <http://chartmaker.ncd.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

18423 34th Ed. Dec 2003 NEW EDITION 18XCO18423 NAD 83 (NOS Silver Spring, MD)
 WA-BELLINGHAM TO EVERETT INCLUDING SAN JUAN ISLANDS 1:40,000
 (New edition due to various general changes and changes in hydrography)

This NOAA chart is available in both the Print-on-Demand and digital raster formats. See <http://chartmaker.ncd.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

18543 2nd Ed. Dec 2003 NEW EDITION 18XHA18543 NAD 83 (NOS Silver Spring, MD)
WA-COLUMBIA RIVER-PASCO TO RICHMOND 1:20,000
(New edition due to various general changes)

This NOAA chart is available in both the Print-on-Demand and digital raster formats. See <http://chartmaker.ncd.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

18756 8th Ed. Dec 2003 NEW EDITION 18BHA18756 NAD 83 (NOS Silver Spring, MD)
CA-SATA BARBARA ISLAND 1:20,000
(New edition due to various general changes)

This NOAA chart is available in both the Print-on-Demand and digital raster formats. See <http://chartmaker.ncd.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

19342 10th Ed. Dec 2003 NEW EDITION 19BHA19342 NAD 83 (NOS Silver Spring, MD)
HI-KAHULUI HARBOR AND APPROACHES-ISLAND OF MAUI 1:15,000
(New edition due to various general changes)

This NOAA chart is available in both the Print-on-Demand and digital raster formats. See <http://chartmaker.ncd.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to eight weeks.

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

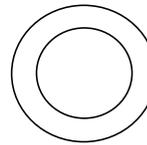
Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
4600 SANGAMORE ROAD
BETHESDA MD 20816-5003**



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ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address _____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Date of Removal _____

If observed, Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

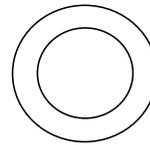
Sounding sensor or method used _____

Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary): _____



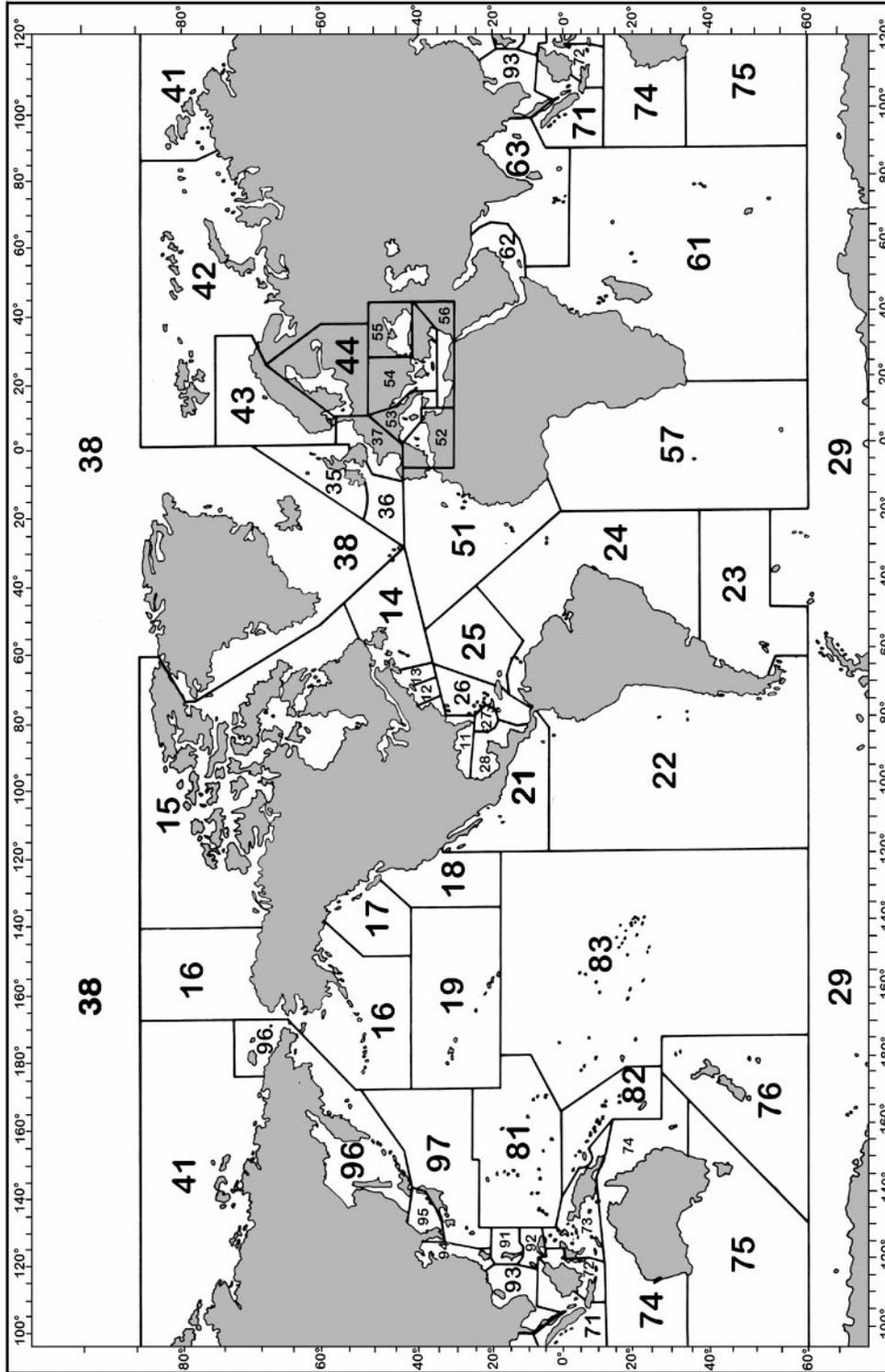
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GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

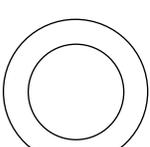
DEFENSE SUPPLY CENTER RICHMOND

ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$300



FIRST CLASS

IMPORTANT
NAVIGATIONAL INFORMATION
TIME—DATED



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY